The yeast GTP-binding YPT1 protein and a mammalian secretion machinery

Cell 52, 915-924

DOI: 10.1016/0092-8674(88)90433-3

Citation Report

#	Article	IF	Citations
1	Intracellular transport in interphase and mitotic yeast cells. FEBS Journal, 1988, 178, 39-46.	0.2	7
2	Characteristics of GTP-mediated microsomal Ca2+ release. Biochimica Et Biophysica Acta - Biomembranes, 1988, 945, 185-194.	1.4	7
3	Pertussis toxin stimulates delayed-onset, Ca2+ -dependent catecholamine release and the ADP-ribosylation of a 40 kDa protein in bovine adrenal chromaffin cells. FEBS Letters, 1988, 234, 439-445.	1.3	19
4	A GTP-binding protein required for secretion rapidly associates with secretory vesicles and the plasma membrane in yeast. Cell, 1988, 53, 753-768.	13.5	604
5	Reconstitution of SEC gene product-dependent intercompartmental protein transport. Cell, 1988, 54, 335-344.	13.5	336
6	Phosphorylation by cyclic AMP-dependent protein kinase of a human platelet Mr 22,000 GTP-binding protein (smg p21) having the same putative effector domain as the ras gene products. Biochemical and Biophysical Research Communications, 1988, 157, 851-860.	1.0	83
7	Selective recycling of the mannose 6-phosphate/IGF-II receptor to the trans Golgi network in vitro. Cell, 1988, 55, 309-320.	13.5	187
8	Yeast mutants illuminate the secretory pathway. Trends in Biochemical Sciences, 1988, 13, 241-242.	3.7	11
9	Study of a temperature-sensitive mutant of the ras-related YPT1 gene product in yeast suggests a role in the regulation of intracellular calcium. Cell, 1988, 53, 635-647.	13.5	263
10	How epithelia grease their microvilli. Trends in Biochemical Sciences, 1988, 13, 242-243.	3.7	19
11	A new member of therasgene superfamily identified in a rat liver cell line. Nucleic Acids Research, 1988, 16, 9979-9993.	6.5	51
12	Reconstitution of protein transport from the endoplasmic reticulum to the Golgi complex in yeast: the acceptor Golgi compartment is defective in the sec23 mutant Journal of Cell Biology, 1988, 107, 1465-1476.	2.3	177
13	Mutational analysis of SEC4 suggests a cyclical mechanism for the regulation of vesicular traffic EMBO Journal, 1989, 8, 1685-1693.	<b>3.</b> 5	299
14	Structural and functional properties of <i>ras</i> proteins. FASEB Journal, 1989, 3, 2151-2163.	0.2	209
15	The ras-related mouse ypt1 protein can functionally replace the YPT1 gene product in yeast EMBO Journal, 1989, 8, 1427-1432.	3 <b>.</b> 5	128
16	GTP gamma S stimulation of endosome fusion suggests a role for a GTP-binding protein in the priming of vesicles before fusion Molecular Biology of the Cell, 1989, 1, 113-124.	6.5	65
17	Calcium and GTP: essential components in vesicular trafficking between the endoplasmic reticulum and Golgi apparatus Journal of Cell Biology, 1989, 108, 1245-1256.	2.3	354
18	The GTP-binding protein Ypt1 is required for transport in vitro: the Golgi apparatus is defective in ypt1 mutants Journal of Cell Biology, 1989, 109, 1015-1022.	2.3	238

#	Article	IF	CITATIONS
19	A novel GTP-binding protein, Sar1p, is involved in transport from the endoplasmic reticulum to the Golgi apparatus Journal of Cell Biology, 1989, 109, 2677-2691.	2.3	439
20	Endoplasmic Reticulum Abnormality in Alzheimer's Disease: Selective Alteration in Platelet NADH-Cytochrome C Reductase Activity. Topics in Geriatrics, 1989, 2, 3-10.	0.9	28
21	Chapter 19 Fluorescence Microscopy Methods for Yeast. Methods in Cell Biology, 1989, 31, 357-435.	0.5	524
22	The Sec15 protein responds to the function of the GTP binding protein, Sec4, to control vesicular traffic in yeast Journal of Cell Biology, 1989, 109, 1023-1036.	2.3	136
23	Regulatory role for GTP-binding proteins in endocytosis. Science, 1989, 244, 1475-1477.	6.0	143
24	Effects of GTP on Ca2+ movements across endoplasmic reticulum membranes. Cell Calcium, 1989, 10, 343-350.	1.1	49
25	Calcium signalling mechanisms in endoplasmic reticulum activated by inositol 1,4,5-trisphosphate and GTP. Cell Calcium, 1989, 10, 363-374.	1.1	73
26	Transmembrane signalling in Saccharomyces cerevisiae. Cellular Signalling, 1989, 1, 1-7.	1.7	35
27	ADP-ribosylation of the 78-kDa glucose-regulated protein during nutritional stress. FEBS Journal, 1989, 186, 205-211.	0.2	62
28	Developmental and regional regulation ofrab3: A new brain specific ?ras-like? gene. Journal of Neuroscience Research, 1989, 22, 241-246.	1.3	23
29	Developmental and regional expression of three new members of theras-gene family in the mouse brain. Journal of Neuroscience Research, 1989, 22, 384-389.	1.3	20
30	Protein secretion in plants. New Phytologist, 1989, 111, 567-597.	3.5	78
31	Localization of muscle gene products in nuclear domains. Nature, 1989, 337, 570-573.	13.7	300
32	Localization and subcellular distribution of cellular ras gene products in rat brain. Molecular Brain Research, 1989, 5, 31-44.	2.5	50
33	Biosynthetic protein transport in the secretory pathway. Current Opinion in Cell Biology, 1989, 1, 648-654.	2.6	53
34	The signal recognition particle receptor mediates the GTP-dependent displacement of SRP from the signal sequence of the nascent polypeptide. Cell, 1989, 57, 599-610.	13.5	294
35	Intracellular membrane fusion. Current Opinion in Cell Biology, 1989, 1, 639-647.	2.6	21
36	Fatty acyl-coenzyme a is required for budding of transport vesicles from Golgi cisternae. Cell, 1989, 59, 95-102.	13.5	221

3

#	Article	IF	CITATIONS
37	Tissue and species distribution of mRNA encoding two ADP-ribosylation factors, 20-kDa guanine nucleotide binding proteins. Biochemistry, 1989, 28, 9668-9673.	1.2	33
38	Tissue distribution of smg p25A, a ras p21-like GTP-binding protein, studied by use of a specific monoclonal antibody. Biochemical and Biophysical Research Communications, 1989, 162, 1438-1445.	1.0	88
39	Multiple chromatographic forms of the formylpeptide chemoattractant receptor and their relationship to GTP-binding proteins. Biochemical and Biophysical Research Communications, 1989, 161, 276-283.	1.0	21
40	Demonstration of GTP-binding proteins and ADP-ribosylated proteins in rat liver Golgi fraction. Biochemical and Biophysical Research Communications, 1989, 164, 333-338.	1.0	12
41	Small molecular weight GTP-binding proteins and signal transduction. Clinica Chimica Acta, 1989, 185, 347-355.	0.5	12
42	Low molecular mass GTP-binding proteins of adrenal chromaffin cells are present on the secretory granule. FEBS Letters, 1989, 245, 122-126.	1.3	70
43	Nuclear GTP-binding proteins of Swiss 3T3 cells. FEBS Letters, 1989, 244, 469-472.	1.3	11
44	Detection of low molecular mass GTP-binding proteins in chromaffin granules and other subcellular fractions of chromaffin cells. FEBS Letters, 1989, 247, 127-131.	1.3	28
45	Biochemical properties of the YPT-related rab 1B protein. FEBS Letters, 1989, 256, 79-84.	1.3	26
46	Tissue-specific expression of a novel GTP-binding protein (smg p25A) mRNA and its increase by nerve growth factor and cyclic AMP in rat pheochromocytoma PC-12 cells. Biochemical and Biophysical Research Communications, 1989, 158, 377-385.	1.0	79
47	Calcium-dependent and calcium-independent exocytosis. Trends in Neurosciences, 1989, 12, 451-458.	4.2	123
48	Intrasynaptosomal distribution of the ras, rho and smg-25A GTP-binding proteins in bovine brain. Molecular Brain Research, 1989, 6, 167-176.	2.5	42
49	Elevation of a novel pituitary protein (7B2) in the plasma in small cell carcinoma of the lung. European Journal of Cancer & Clinical Oncology, 1989, 25, 1225-1232.	0.9	19
50	The yeast secretory pathway is perturbed by mutations in PMR1, a member of a Ca2+ ATPase family. Cell, 1989, 58, 133-145.	13.5	557
51	Morphogenesis of the polarized epithelial cell phenotype. Science, 1989, 245, 718-725.	6.0	1,067
52	An amphitropic cAMP-binding protein in yeast mitochondria. 2. Phospholipid nature of the membrane anchor. Biochemistry, 1989, 28, 9968-9973.	1.2	10
53	Effects of botulinum toxin type D on secretion of tumor necrosis factor from human monocytes Molecular and Cellular Biology, 1989, 9, 2239-2243.	1.1	10
54	Chapter 15 Immunoisolation Using Magnetic Solid Supports: Subcellular Fractionation for Cell-Free Functional Studies. Methods in Cell Biology, 1989, 31, 265-292.	0.5	31

#	Article	IF	Citations
55	The effect of limited proteolysis on GTP-dependent Ca2+ efflux and GTP-dependent fusion in rat liver microsomal vesicles. Biochemical Journal, 1989, 258, 823-829.	1.7	17
56	Detection of GTP-binding proteins in purified derivatives of rough endoplasmic reticulum. Biochemical Journal, 1989, 262, 497-503.	1.7	25
57	The mammalian G protein rhoC is ADP-ribosylated by Clostridium botulinum exoenzyme C3 and affects actin microfilaments in Vero cells EMBO Journal, 1989, 8, 1087-1092.	3.5	491
58	Molecular cloning of YPT1/SEC4-related cDNAs from an epithelial cell line Molecular and Cellular Biology, 1990, 10, 6578-6585.	1.1	213
59	Molecular cloning and expression of a G25K cDNA, the human homolog of the yeast cell cycle gene CDC42 Molecular and Cellular Biology, 1990, 10, 5977-5982.	1.1	168
60	GTP-binding Ypt1 protein and Ca2+ function independently in a cell-free protein transport reaction Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 355-359.	3.3	195
61	rab3 is a small GTP-binding protein exclusively localized to synaptic vesicles Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 1988-1992.	3.3	441
62	Distribution of polypeptides binding guanosine $5\hat{a}\in^2-[\hat{1}^3-[35S]$ thio]triphosphate and anti-(ras protein) antibodies in liver subcellular fractions. Evidence for endosome-specific components. Biochemical Journal, 1990, 271, 179-183.	1.7	19
63	The Function of Ras Genes in Saccharomyces Cerevisiae. Advances in Cancer Research, 1990, 54, 79-139.	1.9	201
64	Chapter 4 Signal Transduction by GTP Binding Proteins during Leukocyte Activation: Phagocytic Cells. Current Topics in Membranes and Transport, 1990, , 65-101.	0.6	17
65	G-proteins and exocytotic secretion in phagocytic cells. FEMS Microbiology Letters, 1990, 64, 3-8.	0.7	2
66	Regulation of the mevalonate pathway. Nature, 1990, 343, 425-430.	13.7	4,996
67	Small GTP-binding protein associated with Golgi cisternae. Nature, 1990, 345, 553-556.	13.7	342
68	Requirement for GTP hydrolysis in the formation of secretory vesicles. Nature, 1990, 347, 207-208.	13.7	113
69	The GTPase superfamily: a conserved switch for diverse cell functions. Nature, 1990, 348, 125-132.	13.7	2,407
70	A short domain of the plant vacuolar protein phytohemagglutinin targets invertase to the yeast vacuole Plant Cell, 1990, 2, 533-546.	3.1	73
71	Evaluation of the annexins as potential mediators of membrane fusion in exocytosis. Journal of Bioenergetics and Biomembranes, 1990, 22, 97-120.	1.0	53
72	Molecular machinery required for protein transport from the endoplasmic reticulum to the golgi complex. BioEssays, 1990, 12, 253-258.	1.2	36

#	ARTICLE	IF	Citations
73	Defining components required for transport from the ER to the golgi complex in yeast. BioEssays, 1990, 12, 485-491.	1.2	20
74	Gene transcription: A role for nuclear protein kinase C?. International Journal of Cancer, 1990, 45, 580-582.	2.3	8
76	Receptorâ€mediated regulation of calcium channels and neurotransmitter release. FASEB Journal, 1990, 4, 3291-3299.	0.2	130
77	Multiple GTP-binding proteins from cholinergic synaptic vesicles. Journal of Neuroscience, 1990, 10, 317-322.	1.7	37
78	Isolation of a functional vesicular intermediate that mediates ER to Golgi transport in yeast Journal of Cell Biology, 1990, 111, 45-53.	2.3	75
79	The ryh1 gene in the fission yeast Schizosaccharomyces pombe encoding a GTP-binding protein related to ras, rho and ypt: structure, expression and identification of its human homologue EMBO Journal, 1990, 9, 1949-1955.	<b>3.</b> 5	64
80	Synthetic peptides of the Rab effector domain inhibit vesicular transport through the secretory pathway EMBO Journal, 1990, 9, 2375-2383.	3.5	128
81	Identification of ras-related, YPT family genes in Schizosaccharomyces pombe EMBO Journal, 1990, 9, 1417-1422.	3.5	71
82	Structural and functional analysis of ypt2, an essential ras-related gene in the fission yeast Schizosaccharomyces pombe encoding a Sec4 protein homologue EMBO Journal, 1990, 9, 1957-1962.	3.5	72
83	ADP ribosylation factor is an essential protein in Saccharomyces cerevisiae and is encoded by two genes Molecular and Cellular Biology, 1990, 10, 6690-6699.	1.1	265
84	Transport of influenza HA from the trans-Golgi network to the apical surface of MDCK cells permeabilized in their basolateral plasma membranes: energy dependence and involvement of GTP-binding proteins Journal of Cell Biology, 1990, 111, 2893-2908.	2.3	89
85	Sec2 protein contains a coiled-coil domain essential for vesicular transport and a dispensable carboxy terminal domain Journal of Cell Biology, 1990, 110, 1897-1909.	2.3	88
86	Yeast KRE genes provide evidence for a pathway of cell wall beta-glucan assembly Journal of Cell Biology, 1990, 110, 1833-1843.	2.3	246
87	Molecular characterization of CDC42, a Saccharomyces cerevisiae gene involved in the development of cell polarity Journal of Cell Biology, 1990, 111, 143-152.	2.3	547
88	Distinct transport vesicles mediate the delivery of plasma membrane proteins to the apical and basolateral domains of MDCK cells Journal of Cell Biology, 1990, 111, 987-1000.	2.3	270
89	Synaptophysin binds to physophilin, a putative synaptic plasma membrane protein Journal of Cell Biology, 1990, 111, 2041-2052.	2.3	84
90	SAS1 and SAS2, GTP-binding protein genes in Dictyostelium discoideum with sequence similarities to essential genes in Saccharomyces cerevisiae Molecular and Cellular Biology, 1990, 10, 2367-2378.	1.1	24
91	Characterization of four novel ras-like genes expressed in a human teratocarcinoma cell line Molecular and Cellular Biology, 1990, 10, 1793-1798.	1.1	297

#	Article	IF	CITATIONS
92	A Short Domain of the Plant Vacuolar Protein Phytohemagglutinin Targets Invertase to the Yeast Vacuole. Plant Cell, 1990, 2, 533.	3.1	7
93	Association of the GTP-binding protein Rab3A with bovine adrenal chromaffin granules Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 5692-5696.	3.3	194
94	ADP-ribosylation factor is functionally and physically associated with the Golgi complex Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 1238-1242.	3.3	364
95	Effect of Botulinum D Toxin on Human Neutrophilic Leukocytes and Localization of Its Substrates. Membrane Biochemistry, 1990, 9, 203-214.	0.6	1
96	Microinjection of recombinant p21rho induces rapid changes in cell morphology Journal of Cell Biology, 1990, 111, 1001-1007.	2.3	714
97	Evidence for protein dephosphorylation as a permissive step in GTP-gamma-S-induced exocytosis from permeabilized mast cells Molecular Biology of the Cell, 1990, 1, 523-530.	6.5	26
98	The cellular functions of small GTP-binding proteins. Science, 1990, 249, 635-640.	6.0	889
99	BET1, BOS1, and SEC22 are members of a group of interacting yeast genes required for transport from the endoplasmic reticulum to the Golgi complex Molecular and Cellular Biology, 1990, 10, 3405-3414.	1.1	190
100	Small GTP-binding proteins in vesicular transport. Trends in Biochemical Sciences, 1990, 15, 473-477.	3.7	385
101	In vivo translocation of the cell wall acid phosphatase across the yeast endoplasmic reticulum membrane: are there multiple signals for the targeting process?. Biochimie, 1990, 72, 103-114.	1.3	6
102	The product of rab2, a small GTP binding protein, increases neuronal adhesion, and neurite growth in vitro. Neuron, 1990, 4, 797-805.	3.8	47
103	GTP binding and growth control. Current Opinion in Cell Biology, 1990, 2, 181-184.	2.6	9
104	A putative GTP binding protein homologous to interferon-inducible Mx proteins performs an essential function in yeast protein sorting. Cell, 1990, 61, 1063-1074.	13.5	287
105	Localization of low molecular weight GTP binding proteins to exocytic and endocytic compartments. Cell, 1990, 62, 317-329.	13.5	1,122
106	Distinct sets of SEC genes govern transport vesicle formation and fusion early in the secretory pathway. Cell, 1990, 61, 723-733.	13.5	726
107	ERD2, a yeast gene required for the receptor-mediated retrieval of luminal ER proteins from the secretory pathway. Cell, 1990, 61, 1349-1357.	13.5	541
108	Characterization of synaptophysin and G proteins in synaptic vesicles and plasma membrane of Aplysia californica. Brain Research, 1990, 508, 265-272.	1.1	16
109	The inhibition by pertussis and tetanus toxins of evoked catecholamine release from intact and permeabilized bovine adrenal chromaffin cells. FEBS Letters, 1990, 276, 165-168.	1.3	8

#	Article	IF	CITATIONS
110	Purification and characterization of a novel GTP-binding protein with a Mr value of 24,000 from rat liver. Biochemical and Biophysical Research Communications, 1990, 169, 816-823.	1.0	16
111	Isoprenylation of the low molecular mass GTP-binding proteins rac 1 and rac 2: Possible role in membrane localization. Biochemical and Biophysical Research Communications, 1990, 171, 804-812.	1.0	50
112	Phosphorylation of two small GTP-binding proteins of the Rab family by p34cdc2. Nature, 1991, 350, 715-718.	13.7	164
113	Effects of adenosine 3′: 5′â€cyclic monophosphate and guanine nucleotides on calciumâ€evoked ACTH release from electrically permeabilized AtTâ€20 cells. British Journal of Pharmacology, 1991, 104, 117-122.	2.7	19
114	Differential modulation of yeast actin, tubulin, and YPT1 mRNA levels by cycloheximide. Gene, 1991, 101, 81-87.	1.0	4
115	Molecular mechanisms in neurotransmitter release. Current Opinion in Neurobiology, 1991, 1, 91-97.	2.0	26
116	Small GTP-binding proteins in human neuroblastoma cell lines. Neuroscience Letters, 1991, 127, 219-222.	1.0	1
117	Isolation and analysis of cDNAs encoding small GTP-binding proteins of Arabidopsis thaliana. Gene, 1991, 108, 259-264.	1.0	61
118	Purification and characterization from rat liver cytosol of a GDP dissociation inhibitor (GDI) for liver 24K G, a ras p21-like GTP-binding protein, with properties similar to those of smg p25A GDI. Biochemistry, 1991, 30, 909-917.	1.2	47
119	GTP-dependent membrane fusion during hepatocarcinogenesis and liver regeneration. Biochemical and Biophysical Research Communications, 1991, 176, 1494-1500.	1.0	9
120	Clathrin-coated vesicles from human placenta contain GTP-binding proteins. Biochemical and Biophysical Research Communications, 1991, 174, 197-203.	1.0	10
121	Molecular cloning and characterization of a ras p21-like GTP-binding protein (24KG) from rat liver. Biochemical and Biophysical Research Communications, 1991, 177, 1224-1232.	1.0	28
122	cAMP-dependent phosphorylation of rer proteins from rat liver: Relationship with GTP-dependent membrane fusion. Biochemical and Biophysical Research Communications, 1991, 179, 463-470.	1.0	2
123	Tissue and subcellular distributions of an inhibitory GDPGTP exchange protein (GDI) for smg p25A by use of its antibody. Biochemical and Biophysical Research Communications, 1991, 174, 556-563.	1.0	18
124	A hemopoietic specific gene encoding a small GTP binding protein is overexpressed during T cell activation. Biochemical and Biophysical Research Communications, 1991, 175, 451-458.	1.0	48
125	Association of a 24-kDa GTP-binding protein, Gn24, with human platelet α-granule membranes. FEBS Letters, 1991, 291, 122-126.	1.3	17
126	Identification and partial purification of GTPase-activating proteins from yeast and mammalian cells that preferentially act on Ypt1/Rab1 proteins. FEBS Letters, 1991, 291, 322-326.	1.3	23
127	Localization of ras antigenicity in rat hepatocyte plasma membrane and rough endoplasmic reticulum fractions. Experimental Cell Research, 1991, 192, 137-147.	1.2	9

#	ARTICLE	IF	CITATIONS
128	ADP-Ribosylation factor is a subunit of the coat of Golgi-derived COP-coated vesicles: A novel role for a GTP-binding protein. Cell, 1991, 67, 239-253.	13.5	622
129	Brefeldin A, a drug that blocks secretion, prevents the assembly of non-clathrin-coated buds on Golgi cisternae. Cell, 1991, 64, 1183-1195.	13.5	466
130	rab5 controls early endosome fusion in vitro. Cell, 1991, 64, 915-925.	13.5	1,020
131	A novel protein kinase homolog essential for protein sorting to the yeast lysosome-like vacuole. Cell, 1991, 64, 425-437.	13.5	206
132	The GTP-binding Sar1 protein is localized to the early compartment of the yeast secretory pathway. Biochimica Et Biophysica Acta - Molecular Cell Research, 1991, 1093, 135-143.	1.9	62
133	Mechanisms Involved in Calcium-Dependent Exocytosis. Annals of the New York Academy of Sciences, 1991, 635, 382-392.	1.8	19
134	[33] High-expression vectors with multiple cloning sites for construction of trpE fusion genes: pATH vectors. Methods in Enzymology, 1991, 194, 477-490.	0.4	392
135	Small GTP-binding proteins and their role in transport. Current Opinion in Cell Biology, 1991, 3, 626-633.	2.6	163
136	Mutational analysis of the putative effector domain of the GTP-binding Ypt1 protein in yeast suggests specific regulation by a novel GAP activity EMBO Journal, 1991, 10, 785-792.	3.5	83
137	Rab1b regulates vesicular transport between the endoplasmic reticulum and successive Golgi compartments Journal of Cell Biology, 1991, 115, 31-43.	2.3	374
138	[22] ADP-ribosylation of G proteins with pertussis toxin. Methods in Enzymology, 1991, 195, 257-266.	0.4	52
139	A mammalian inhibitory GDP/GTP exchange protein (GDP dissociation inhibitor) for smg p25A is active on the yeast SEC4 protein Molecular and Cellular Biology, 1991, 11, 2909-2912.	1.1	84
140	Structural and functional dissection of a membrane glycoprotein required for vesicle budding from the endoplasmic reticulum Molecular and Cellular Biology, 1991, 11, 5727-5734.	1.1	81
141	The small GTP-binding protein rab4 is associated with early endosomes Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 6313-6317.	3.3	274
142	Role of the C-terminal region of smg p25A in its interaction with membranes and the GDP/GTP exchange protein Molecular and Cellular Biology, 1991, 11, 1438-1447.	1.1	88
143	The yeast SLY gene products, suppressors of defects in the essential GTP-binding Ypt1 protein, may act in endoplasmic reticulum-to-Golgi transport Molecular and Cellular Biology, 1991, 11, 2980-2993.	1.1	180
144	Membrane-binding domain of the small G protein G25K contains an S-(all-trans-geranylgeranyl)cysteine methyl ester at its carboxyl terminus Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 286-290.	3.3	117
145	Identification and structure of four yeast genes (SLY) that are able to suppress the functional loss of YPT1, a member of the RAS superfamily Molecular and Cellular Biology, 1991, 11, 872-885.	1.1	324

#	Article	IF	CITATIONS
146	Mediation of the attachment or fusion step in vesicular transport by the GTP-binding Ypt1 protein. Science, 1991, 252, 1553-1556.	6.0	153
147	The biochemistry of <i>ras</i> p21. Biochemical Journal, 1991, 279, 609-631.	1.7	181
148	Redistribution of ADP-ribosylation factor during stimulation of permeabilized cells with GTP analogues. Biochemical Journal, 1991, 275, 639-644.	1.7	57
149	GTP-binding proteins and potassium channels involved in synaptic plasticity and learning. Molecular Neurobiology, 1991, 5, 315-328.	1.9	6
150	Protein transport and compartmentation in yeast. Folia Microbiologica, 1991, 36, 3-34.	1.1	2
151	An analysis of Bet1, Bet2, and Bos1. Cell Biophysics, 1991, 19, 25-33.	0.4	4
152	How complex is the Golgi?. Current Biology, 1991, 1, 84-86.	1.8	1
153	Techniques and concepts in exocytosis: focus on mast cells. BBA - Biomembranes, 1991, 1071, 429-471.	7.9	102
154	A small GTP-binding protein dissociates from synaptic vesicles during exocytosis. Nature, 1991, 349, 79-81.	13.7	438
155	Dependence of Ypt1 and Sec4 membrane attachment on Bet2. Nature, 1991, 351, 158-161.	13.7	127
156	Hypervariable C-termmal domain of rab proteins acts as a targeting signal. Nature, 1991, 353, 769-772.	13.7	386
157	Small GTP-binding Proteins Associated with Secretory Vesicles of Paramecium. Journal of Protozoology, 1991, 38, 495-501.	0.9	26
158	Diversity in receptor signalling: cellular individuality and the search for selective drugs. Journal of Internal Medicine, 1991, 229, 391-406.	2.7	4
159	Analysis of protein transport through the golgi in a reconstituted cell-free system. Journal of Electron Microscopy Technique, 1991, 17, 150-164.	1.1	13
160	Comparisons of golgi structure and dynamics in plant and animal cells. Journal of Electron Microscopy Technique, 1991, 17, 179-199.	1.1	49
161	Enzymology of intracellular membrane fusion. Klinische Wochenschrift, 1991, 69, 98-104.	0.6	2
162	Structure of the yeast endoplasmic reticulum: Localization of ER proteins using immunofluorescence and immunoelectron microscopy. Yeast, 1991, 7, 891-911.	0.8	182
163	A novel ras-related rgp1 gene encoding a GTP-binding protein has reduced expression in 5-azacytidine-induced dwarf rice. Molecular Genetics and Genomics, 1991, 228, 227-232.	2.4	72

#	Article	IF	CITATIONS
164	Chromosome assignment of four RAS-related RAB genes. Human Genetics, 1991, 86, 350-4.	1.8	18
165	Mapping of four ras superfamily genes by physical and genetic means in Schizosaccharomyces pombe. Current Genetics, 1991, 20, 277-281.	0.8	1
166	Sec15 protein, an essential component of the exocytotic apparatus, is associated with the plasma membrane and with a soluble 19.5S particle Journal of Cell Biology, 1991, 112, 1117-1131.	2.3	91
167	Immunolocalization of Kex2 protease identifies a putative late Golgi compartment in the yeast Saccharomyces cerevisiae Journal of Cell Biology, 1991, 113, 527-538.	2.3	282
168	Distinct biochemical requirements for the budding, targeting, and fusion of ER-derived transport vesicles Journal of Cell Biology, 1991, 114, 219-229.	2.3	324
169	A cytoskeleton-related gene, uso1, is required for intracellular protein transport in Saccharomyces cerevisiae Journal of Cell Biology, 1991, 113, 245-260.	2.3	167
170	Identification of a novel, N-ethylmaleimide-sensitive cytosolic factor required for vesicular transport from endosomes to the trans-Golgi network in vitro Journal of Cell Biology, 1991, 112, 823-831.	2.3	59
171	A heterotrimeric G protein, G alpha i-3, on Golgi membranes regulates the secretion of a heparan sulfate proteoglycan in LLC-PK1 epithelial cells Journal of Cell Biology, 1991, 114, 1113-1124.	2.3	321
172	[45] Analysis of polypeptide transit through yeast secretory pathway. Methods in Enzymology, 1991, 194, 662-674.	0.4	94
173	Sec12p-dependent membrane binding of the small GTP-binding protein Sar1p promotes formation of transport vesicles from the ER Journal of Cell Biology, 1991, 114, 663-670.	2.3	139
174	Subcellular Distribution of Low Molecular Weight Guanosine Triphosphate-Binding Proteins in Adipocytes: Colocalization with the Glucose Transporter Glut 4*. Endocrinology, 1991, 129, 3343-3350.	1.4	54
175	Synthesis of CDP-diacylglycerol by rat liver rough microsomes as visualized by electron microscopic autoradiography: relationship to GTP-stimulated membrane fusion Journal of Histochemistry and Cytochemistry, 1991, 39, 363-372.	1.3	7
176	The small GTP-binding protein Rho1p is localized on the Golgi apparatus and post-Golgi vesicles in Saccharomyces cerevisiae Journal of Cell Biology, 1991, 115, 309-319.	2.3	55
177	Molecular cloning of a member of a new class of low-molecular-weight GTP-binding proteins Genes and Development, 1991, 5, 2386-2391.	2.7	17
178	[40] Immunofluorescence methods for yeast. Methods in Enzymology, 1991, 194, 565-602.	0.4	682
179	Association of Rab3A with synaptic vesicles at late stages of the secretory pathway Journal of Cell Biology, 1991, 115, 625-633.	2.3	230
180	Reconstitution of GTP-binding Sar1 protein function in ER to Golgi transport Journal of Cell Biology, 1991, 114, 671-679.	2.3	95
181	The arflike gene encodes an essential GTP-binding protein in Drosophila Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 3120-3124.	3.3	164

#	Article	IF	CITATIONS
182	Guanine nucleotides modulate the effects of brefeldin A in semipermeable cells: regulation of the association of a $110\text{-kD}$ peripheral membrane protein with the Golgi apparatus Journal of Cell Biology, 1991, 112, 579-588.	2.3	186
183	Binding of ARF and beta-COP to Golgi membranes: possible regulation by a trimeric G protein. Science, 1991, 254, 1197-1199.	6.0	367
184	[35] Ypt proteins in yeast. Methods in Enzymology, 1992, 219, 369-387.	0.4	36
185	Identification ofrasandras-related Low-molecular-mass GTP-binding Proteins Associated with Rat Lung Lamellar Bodies. American Journal of Respiratory Cell and Molecular Biology, 1992, 6, 253-259.	1.4	10
186	Regulation of cell surface polarity from bacteria to mammals. Science, 1992, 258, 948-955.	6.0	223
187	Multiple GTP-binding proteins regulate vesicular transport from the ER to Golgi membranes Journal of Cell Biology, 1992, 119, 1077-1096.	2.3	128
188	Yeast proteins associated with microtubules in vitro and in vivo Molecular Biology of the Cell, 1992, 3, 29-47.	0.9	93
189	GTP-binding mutants of rab1 and rab2 are potent inhibitors of vesicular transport from the endoplasmic reticulum to the Golgi complex Journal of Cell Biology, 1992, 119, 749-761.	2.3	483
190	Two genes in Saccharomyces cerevisiae encode a membrane-bound form of casein kinase-1 Molecular Biology of the Cell, 1992, 3, 275-286.	0.9	100
191	Identification of a 200-kD, brefeldin-sensitive protein on Golgi membranes. Journal of Cell Biology, 1992, 117, 27-38.	2.3	119
192	Retrograde transport from the Golgi region to the endoplasmic reticulum is sensitive to GTP gamma S Journal of Cell Biology, 1992, 116, 1357-1367.	2.3	34
193	The VPS1 protein, a homolog of dynamin required for vacuolar protein sorting in Saccharomyces cerevisiae, is a GTPase with two functionally separable domains Journal of Cell Biology, 1992, 119, 773-786.	2.3	204
194	Characterization of the Saccharomyces Golgi complex through the cell cycle by immunoelectron microscopy Molecular Biology of the Cell, 1992, 3, 789-803.	0.9	268
195	Identification of Low Molecular Mass GTP-Binding Proteins in Membranes of the Halotolerant Alga Dunaliella salina. Plant Physiology, 1992, 98, 446-451.	2.3	19
196	SED5 encodes a 39-kD integral membrane protein required for vesicular transport between the ER and the Golgi complex Journal of Cell Biology, 1992, 119, 513-521.	2.3	305
197	The yeast Ca(2+)-ATPase homologue, PMR1, is required for normal Golgi function and localizes in a novel Golgi-like distribution Molecular Biology of the Cell, 1992, 3, 633-654.	0.9	431
198	A synthetic peptide of the rab3a effector domain stimulates amylase release from permeabilized pancreatic acini Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 1656-1660.	3.3	118
199	Protein Prenylation: Genes, Enzymes, Targets, and Functions. Annual Review of Genetics, 1992, 26, 209-237.	3.2	367

#	ARTICLE	IF	Citations
200	Synaptic vesicle membrane proteins interact to form a multimeric complex Journal of Cell Biology, 1992, 116, 761-775.	2.3	215
201	VIP21, a 21-kD membrane protein is an integral component of trans-Golgi-network-derived transport vesicles Journal of Cell Biology, 1992, 118, 1003-1014.	2.3	529
202	Glycosylation in Saccharomyces cerevisiae: cloning and characterization of an α-1,2-mannosyltransferase structural gene. Glycobiology, 1992, 2, 77-84.	1.3	83
203	Secretory Pathway Function in Saccharomyces cerevisiae. Advances in Microbial Physiology, 1992, 33, 73-144.	1.0	23
204	Reconstitution in vitro of a membrane-fusion event involved in constitutive exocytosis. A role for cytosolic proteins and a GTP-binding protein, but not for Ca2+. Biochemical Journal, 1992, 285, 383-385.	1.7	9
205	Recent Topics on Protein Secretion Nippon Nogeikagaku Kaishi, 1992, 66, 1098-1100.	0.0	0
206	Signal Transduction Mechanisms Involved in Salivary Gland Regulated Exocytosis. Critical Reviews in Oral Biology and Medicine, 1992, 3, 83-107.	4.4	57
207	Biogenesis of the Vacuole in Saccharomyces cerevisiae. International Review of Cytology, 1992, 139, 59-120.	6.2	103
208	Small GTP-Binding Proteins. International Review of Cytology, 1992, 133, 187-230.	6.2	400
209	Chapter 14 The sorting of soluble and integral membrane proteins to the yeast vacuole. New Comprehensive Biochemistry, 1992, 22, 165-182.	0.1	0
210	[37] Localization of Rab family members in animal cells. Methods in Enzymology, 1992, 219, 398-407.	0.4	40
211	Molecular cloning and structural analysis of genes from Zea mays (L.) coding for members of the ras-related ypt gene family Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 787-791.	3.3	82
212	Hydrolysis of GTP by Sec4 protein plays an important role in vesicular transport and is stimulated by a GTPase-activating protein in Saccharomyces cerevisiae Molecular and Cellular Biology, 1992, 12, 2017-2028.	1.1	132
213	SEC22 and SLY2 are identical Molecular and Cellular Biology, 1992, 12, 3663-3664.	1.1	29
214	[13] Reconstitution of transport from endoplasmic reticulum to golgi complex using endoplasmic reticulum-enriched membrane fraction from yeast. Methods in Enzymology, 1992, 219, 124-136.	0.4	92
215	Intravesicular acidification correlates with binding of ADP-ribosylation factor to microsomal membranes Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 6619-6623.	3.3	86
216	Vesicle-Mediated Protein Sorting. Annual Review of Biochemistry, 1992, 61, 471-516.	5.0	493
217	Expression of the small GTP-binding protein Rab3A in the adult rat brain. Molecular and Cellular Neurosciences, 1992, 3, 497-507.	1.0	4

#	Article	IF	CITATIONS
218	The yptV1 gene encodes a small G-protein in the green alga Volvox carteri: gene structure and properties of the gene product. Gene, 1992, 118, 153-162.	1.0	27
219	Genetic and biochemical analysis of vesicular traffic in yeast. Current Opinion in Cell Biology, 1992, 4, 587-592.	2.6	135
220	The neuronal cytoskeleton. Trends in Biochemical Sciences, 1992, 17, 85.	3.7	44
221	The small GTPase rab5 functions as a regulatory factor in the early endocytic pathway. Cell, 1992, 70, 715-728.	13.5	1,280
222	A family of proteins involved in intracellular transport. Cell, 1992, 68, 181-182.	13.5	81
223	Two distinct members of the ADP-ribosylation factor family of GTP-binding proteins regulate cell-free intra-golgi transport. Cell, 1992, 70, 69-79.	13.5	137
224	Endocytosis in yeast: Evidence for the involvement of a small GTP-binding protein (Ypt7p). Cell, 1992, 71, 1131-1142.	13.5	239
225	Characterization of the unprocessed and processed forms of rab6 expressed in baculovirus/insect cell systems. Biochemical and Biophysical Research Communications, 1992, 182, 1499-1505.	1.0	13
226	Freeze-fracture analysis of the effects of intermediates of the phosphatidylinositol cycle on fusion of rough endoplasmic reticulum membranes. Biochimica Et Biophysica Acta - Biomembranes, 1992, 1107, 331-341.	1.4	15
227	Localization of the ras-like rab3A protein in the adult rat brain. Brain Research, 1992, 590, 118-127.	1.1	22
228	Biogenesis of endoplasmic reticulum transport vesicles transferring gastric apomucin from ER to Golgi. Experimental Cell Research, 1992, 201, 321-329.	1.2	26
229	Distinct and specific GAP activities in rat pancreas on the yeast GTP-binding proteins Ypt1 and Sec4. FEBS Letters, 1992, 309, 5-9.	1.3	12
230	Synthetic peptides of the effector-binding domain of rab enhance secretion from digitonin-permeabilized chromaffin cells. FEBS Letters, 1992, 309, 41-46.	1.3	71
231	Expression of theras-relatedrab3agene in insulinoma-derived cell lines. FEBS Letters, 1992, 312, 183-186.	1.3	9
232	Developmental expression of G protein $\hat{l}\pm$ subunits in mouse spermatogenic cells: Evidence that $\hat{Gl}\pm i$ is associated with the developing acrosome. Developmental Biology, 1992, 152, 393-402.	0.9	25
233	The Saccharomyces cerevisiae SEC20 gene encodes a membrane glycoprotein which is sorted by the HDEL retrieval system EMBO Journal, 1992, 11, 423-432.	3.5	86
234	Bos1p, a membrane protein required for ER to Golgi transport in yeast, co-purifies with the carrier vesicles and with Bet1p and the ER membrane EMBO Journal, 1992, 11, 3609-3617.	3.5	72
235	Distribution of smg p25A and smg p21s, ras p21-like guanine nucleotide-binding proteins, in the rat stomach. American Journal of Physiology - Renal Physiology, 1992, 262, G69-G73.	1.6	1

#	Article	lF	Citations
236	High- and Small-Molecular-Weight GTP-Binding Proteins in Zymogen Granule Membranes of Rat Pancreatic Acinar Cells. Cellular Physiology and Biochemistry, 1992, 2, 77-89.	1.1	19
237	Association of a 19- and a 21-kDa GTP-binding protein to pancreatic microsomal vesicles is regulated by the intravesicular pH established by a vacuolar-type H+-ATPase. Journal of Membrane Biology, 1992, 125, 231-41.	1.0	24
238	The Ncypt1 gene from Neurospora crassa is located on chromosome 2: molecular cloning and structural analysis. Molecular Genetics and Genomics, 1992, 235, 413-421.	2.4	15
239	Immunohistological localization of smg p25A, a ras p21-like guanosine 5?-triphosphate (GTP)-binding protein in human skin. Archives of Dermatological Research, 1992, 284, 109-110.	1.1	3
240	The mouse homolog to the ras-related yeast gene YPT1 maps on Chromosome 11 close to the wobbler (wr) locus. Mammalian Genome, 1992, 3, 467-468.	1.0	10
241	Molecular characterization of tobacco cDNAs encoding two small GTP-binding proteins. Plant Molecular Biology, 1992, 19, 847-857.	2.0	39
242	Intracellular trafficking of secretory proteins. Plant Molecular Biology, 1992, 20, 133-150.	2.0	127
243	Genes and proteins required for vesicular transport from the endoplasmic reticulum. Antonie Van Leeuwenhoek, 1992, 61, 87-92.	0.7	4
244	Aspergillus nigerG proteins: subcellular localization. FEMS Microbiology Letters, 1992, 92, 259-263.	0.7	0
245	GTP-binding proteins in intracellular transport. Trends in Cell Biology, 1992, 2, 41-46.	3.6	289
246	Small GTP-binding proteins as compartmental markers. Seminars in Cell Biology, 1992, 3, 301-307.	<b>3.</b> 5	17
247	Beauty and the yeast: compartmental organization of the secretory pathway. Seminars in Cell Biology, 1992, 3, 309-324.	3.5	13
248	Interaction of the low-molecular-mass, guanine-nucleotide-binding protein with the actin-binding protein and its modulation by the cAMP-dependent protein kinase in bovine platelets. FEBS Journal, 1992, 203, 347-352.	0.2	9
249	Polymxin B inhibits insulin-induced glucose transporter and IGF II receptor translocation in isolated adipocytes. FEBS Journal, 1992, 207, 185-193.	0.2	12
250	Characterization of small-molecular-mass guanine-nucleotide-binding regulatory proteins in insulin-secreting cells and PC12 cells. FEBS Journal, 1992, 208, 729-737.	0.2	30
251	Specific expression of theras-Relatedrab3A gene in human normal and malignant neuroendocrine cells. Cancer, 1992, 70, 2552-2556.	2.0	10
252	The multigene families of guanine nucleotide-binding proteins: Evolutionary and computational analysis. Computers & Chemistry, 1993, 17, 165-175.	1.2	0
253	Structure, expression, and phylogenetic relationships of a family of ypt genes encoding small G-proteins in the green alga Volvox carteri. Current Genetics, 1993, 24, 229-240.	0.8	33

#	Article	IF	Citations
254	Cloning and genetic characterization of a calcium- and phospholipid-binding protein from Saccharomyces cerevisiae that is homologous to translation elongation factor- $1\hat{I}^3$ . Yeast, 1993, 9, 151-163.	0.8	20
255	Bet2p and Mad2p are components of a prenyltransferase that adds geranylgeranyl onto Ypt1p and Sec4p. Nature, 1993, 366, 84-86.	13.7	71
256	Interactions of three domains distinguishing the Ras-related GTP-binding proteins Ypt1 and Sec4. Nature, 1993, 362, 560-563.	13.7	188
257	Specificity domains distinguish the Ras-related GTPases Ypt1 and Sec4. Nature, 1993, 362, 563-565.	13.7	107
258	Isolation and characterization of three cDNAs coding for Rab proteins from the albumen gland of the mollusc Lymnaea stagnalis. FEBS Journal, 1993, 217, 241-246.	0.2	8
259	Inhibition of insulin secretion: A fail-safe system. Cellular Signalling, 1993, 5, 229-234.	1.7	33
260	Bos1p, an integral membrane protein of the endoplasmic reticulum to Golgi transport vesicles, is required for their competence. Trends in Cell Biology, 1993, 3, 256.	3.6	1
261	Bidirectional membrane traffic between the endoplasmic reticulum and Golgi apparatus. Trends in Cell Biology, 1993, 3, 81-88.	3.6	118
262	Cloning and characterization of a Golgi-associated GTP-binding protein homologue from Leishmania major. Molecular and Biochemical Parasitology, 1993, 62, 73-82.	0.5	29
263	Interaction of Sec4 with GDI proteins from bovine brain, Drosophila melanogasterand Saccharomyces cerevisiae. FEBS Letters, 1993, 331, 233-238.	1.3	43
264	Isoprenylation of Rab proteins possessing a C-terminal CaaX motif. FEBS Letters, 1993, 330, 323-328.	1.3	48
265	Synthetic peptides of the rab3 effector domain stimulate a membrane fusion event involved in regulated exocytosis. FEBS Letters, 1993, 320, 52-56.	1.3	32
266	Gene cloning and characterization of a GTP-binding Rab protein from mouse pituitary AtT-20 cells. Gene, 1993, 132, 273-278.	1.0	27
267	Rab proteins and the road maps for intracellular transport. Neuron, 1993, 11, 789-799.	3.8	294
268	Molecular characterization of a conserved, guanine nucleotide-dependent ADP-ribosylation factor in Drosophila melanogaster. Biochemistry, 1993, 32, 6011-6018.	1.2	30
269	The C. elegans unc-18 gene encodes a protein expressed in motor neurons. Neuron, 1993, 11, 703-711.	3.8	110
270	Bos1p, an integral membrane protein of the endoplasmic reticulum to Golgi transport vesicles, is required for their fusion competence. Cell, 1993, 73, 735-745.	13.5	146
271	Synaptic transmission persists in synaptotagmin mutants of Drosophila. Cell, 1993, 73, 1281-1290.	13.5	247

#	Article	IF	CITATIONS
272	The syntaxin family of vesicular transport receptors. Cell, 1993, 74, 863-873.	13.5	639
273	Advances in Molecular Genetics of Plant-Microbe Interactions, Vol. 2. Current Plant Science and Biotechnology in Agriculture, 1993, , .	0.0	2
274	Cytosolic Sec13p complex is required for vesicle formation from the endoplasmic reticulum in vitro Journal of Cell Biology, 1993, 120, 865-875.	2.3	141
275	Beta-COP is essential for transport of protein from the endoplasmic reticulum to the Golgi in vitro. Journal of Cell Biology, 1993, 122, 1155-1167.	2.3	129
276	Rab17, a novel small GTPase, is specific for epithelial cells and is induced during cell polarization Journal of Cell Biology, 1993, 121, 553-564.	2.3	132
277	A rab protein regulates the localization of secretory granules in AtT-20 cells Molecular Biology of the Cell, 1993, 4, 747-756.	0.9	36
278	Function of the ypt2 gene in the exocytic pathway of Schizosaccharomyces pombe Molecular Biology of the Cell, 1993, 4, 1069-1076.	0.9	36
279	Rab8, a small GTPase involved in vesicular traffic between the TGN and the basolateral plasma membrane Journal of Cell Biology, 1993, 123, 35-45.	2.3	428
280	Schizosaccharomyces pombe ypt5: a homologue of the rab5 endosome fusion regulator Molecular Biology of the Cell, 1993, 4, 583-592.	0.9	35
281	Correlation between secretion and phospholipase D activation in differentiated HL60 cells. Biochemical Journal, 1993, 293, 649-655.	1.7	138
282	Identification of small GTP-binding rab proteins in human platelets: thrombin-induced phosphorylation of rab3B, rab6, and rab8 proteins Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 7647-7651.	3.3	102
283	The molecular machinery for secretion is conserved from yeast to neurons Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 2559-2563.	3.3	619
284	Testis-specific mak protein kinase is expressed specifically in the meiotic phase in spermatogenesis and is associated with a 210-kilodalton cellular phosphoprotein Molecular and Cellular Biology, 1993, 13, 4146-4156.	1.1	51
285	Expression and localization of two low molecular weight GTP-binding proteins, Rab8 and Rab10, by epitope tag Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 6508-6512.	3.3	141
286	The Role of GTP-Binding Proteins in Transport along the Exocytic Pathway. Annual Review of Cell Biology, 1993, 9, 575-599.	26.0	196
287	Inherited abnormalities in platelet organelles and platelet formation and associated altered expression of low molecular weight guanosine triphosphate-binding proteins in the mouse pigment mutant gunmetal. Blood, 1993, 81, 2626-2635.	0.6	62
288	Roles of plant homologs of Rab1p and Rab7p in the biogenesis of the peribacteroid membrane, a subcellular compartment formed de novo during root nodule symbiosis EMBO Journal, 1993, 12, 4125-4135.	3.5	168
289	The Sec13p complex and reconstitution of vesicle budding from the ER with purified cytosolic proteins EMBO Journal, 1993, 12, 4073-4082.	3.5	198

#	Article	IF	CITATIONS
290	Guanosine diphosphatase is required for protein and sphingolipid glycosylation in the Golgi lumen of Saccharomyces cerevisiae. Journal of Cell Biology, 1993, 122, 307-323.	2.3	175
291	The TIP1 gene of Saccharomyces cerevisiae encodes an 80 kDa cytoplasmic protein that interacts with the cytoplasmic domain of Sec20p EMBO Journal, 1993, 12, 2831-2840.	3.5	49
292	The N-terminal domain of a rab protein is involved in membrane-membrane recognition and/or fusion EMBO Journal, 1994, 13, 34-41.	3.5	41
293	Distinct structural elements of rab5 define its functional specificity EMBO Journal, 1994, 13, 575-583.	3.5	150
294	VPS21 encodes a rab5-like GTP binding protein that is required for the sorting of yeast vacuolar proteins EMBO Journal, 1994, 13, 1297-1309.	3.5	177
295	GDI1 encodes a GDP dissociation inhibitor that plays an essential role in the yeast secretory pathway EMBO Journal, 1994, 13, 1718-1728.	3.5	180
296	GTPase-dependent signaling in bacteria: characterization of a membrane-binding site for era in Escherichia coli. Journal of Bacteriology, 1994, 176, 44-49.	1.0	38
297	Inhibition of rab5 GTPase activity stimulates membrane fusion in endocytosis EMBO Journal, 1994, 13, 1287-1296.	3.5	837
298	Usol Protein Contains a Coiled-Coil Rod Region Essential for Protein Transport from the ER to the Golgi Apparatus in Saccharomyces cerevisiae1. Journal of Biochemistry, 1994, 116, 1341-1345.	0.9	21
299	Expression and polarized targeting of a rab3 isoform in epithelial cells Journal of Cell Biology, 1994, 125, 583-594.	2.3	178
300	Sar1 promotes vesicle budding from the endoplasmic reticulum but not Golgi compartments Journal of Cell Biology, 1994, 125, 51-65.	2.3	278
301	Characteristics of endoplasmic reticulum-derived transport vesicles Journal of Cell Biology, 1994, 126, 1133-1148.	2.3	109
302	The small GTP-binding protein rab6 functions in intra-Golgi transport Journal of Cell Biology, 1994, 127, 1575-1588.	2.3	231
303	ADP ribosylation factor and a 14-kD polypeptide are associated with heparan sulfate-carrying post-trans-Golgi network secretory vesicles in rat hepatocytes Journal of Cell Biology, 1994, 125, 721-732.	2.3	35
304	Rab1 and Ca2+ are required for the fusion of carrier vesicles mediating endoplasmic reticulum to Golgi transport Journal of Cell Biology, 1994, 125, 239-252.	2.3	147
305	Role of three rab5-like GTPases, Ypt51p, Ypt52p, and Ypt53p, in the endocytic and vacuolar protein sorting pathways of yeast Journal of Cell Biology, 1994, 125, 283-298.	2.3	206
306	A small rab GTPase is distributed in cytoplasmic vesicles in non polarized cells but colocalizes with the tight junction marker ZO-1 in polarized epithelial cells. Journal of Cell Biology, 1994, 124, 101-115.	2.3	223
307	Inhibition of GTP hydrolysis by Sar1p causes accumulation of vesicles that are a functional intermediate of the ER-to-Golgi transport in yeast. Journal of Cell Biology, 1994, 124, 425-434.	2.3	96

#	Article	IF	CITATIONS
308	A Molecular Description of Synaptic Vesicle Membrane Trafficking. Annual Review of Biochemistry, 1994, 63, 63-100.	5.0	256
309	The yeast protein Mrs6p, a homologue of the rabGDI and human choroideraemia proteins, affects cytoplasmic and mitochondrial functions. Current Genetics, 1994, 26, 308-314.	0.8	15
310	Exclusion of two candidate genes, Spnb-2 and Ddc, for the wobbler spinal muscular atrophy gene on proximal mouse Chromosome 11. Mammalian Genome, 1994, 5, 163-166.	1.0	6
311	Functional complementation of a yeast vesicular transport mutation ypt1-1 by a Brassica napus cDNA clone encoding a small GTP-binding protein. Plant Molecular Biology, 1994, 26, 1725-1735.	2.0	32
312	Molecular analysis of two Ypt/Rab-related sequences isolated from soybean (Glycine max) DNA libraries. Plant Molecular Biology, 1994, 26, 175-187.	2.0	12
313	Mapping small GTP-binding proteins on high-resolution two-dimensional gels by a combination of GTP binding and labeling within situ periodateoxidized GTP. Electrophoresis, 1994, 15, 283-288.	1.3	21
314	Two-dimensional gel mapping of small GTPases reveals transformation-specific changes during oncogenesis. Electrophoresis, 1994, 15, 469-473.	1.3	9
315	Guanine nucleotide binding regulatory proteins: Their characteristics and identification. Journal of Pharmacological and Toxicological Methods, 1994, 32, 187-196.	0.3	15
316	Mechanisms of intracellular protein transport. Nature, 1994, 372, 55-63.	13.7	2,274
317	Human beta1,4 galactosyltransferase and alpha2,6 sialyltransferase expressed in Saccharomyces cerevisiae are retained as active enzymes in the endoplasmic reticulum. FEBS Journal, 1994, 220, 809-817.	0.2	24
318	ARF and VAPP14: Two Proteins Involved in the Delivery of Heparan Sulfate Proteoglycan from the trans-Golgi Network to the Plasma Membrane. Annals of the New York Academy of Sciences, 1994, 733, 344-356.	1.8	0
319	Secretory and synaptic vesicle membrane proteins and their possible roles in regulated exocytosis. Progress in Neurobiology, 1994, 43, 511-536.	2.8	17
320	A rab protein is required for the assembly of SNARE complexes in the docking of transport vesicles. Cell, 1994, 78, 937-948.	13.5	499
321	Mutational Analysis of the Sar1 Protein, a Small GTPase Which Is Essential for Vesicular Transport from the Endoplasmic Reticulum1. Journal of Biochemistry, 1994, 116, 243-247.	0.9	25
322	Characterization of a GTP-binding protein implicated in both memory storage and interorganelle vesicle transport Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 9287-9291.	3.3	20
323	Identification of yeast component A: reconstitution of the geranylgeranyltransferase that modifies Ypt1p and Sec4p Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 4377-4381.	3.3	48
324	A Deficiency of the Small GTPase rab8 Inhibits Membrane Traffic in Developing Neurons. Molecular and Cellular Biology, 1995, 15, 918-924.	1.1	92
325	The <i>Saccharomyces cerevisiae MVP1</i> Gene Interacts with <ivps1< i=""> and Is Required for Vacuolar Protein Sorting. Molecular and Cellular Biology, 1995, 15, 1671-1678.</ivps1<>	1.1	78

#	Article	IF	CITATIONS
326	[4] Characterization of yeast type-II geranylgeranyltransferase. Methods in Enzymology, 1995, 257, 21-29.	0.4	1
327	[22] Using oligonucleotides for cloning of rab proteins by polymerase chain reaction. Methods in Enzymology, 1995, 257, 189-199.	0.4	3
328	High-level expression of endogenous acid phosphatase inhibits growth and vectorial secretion in Saccharomyces cerevisiae. Journal of Cellular Biochemistry, 1995, 57, 238-250.	1.2	5
329	Presynaptic proteins involved in exocytosis inDrosophila melanogaster: A genetic analysis. Invertebrate Neuroscience, 1995, 1, 3-13.	1.8	19
330	Molecular cloning of Rab-related genes in the yeast Yarrowia lipolytica. Analysis of RYL1, an essential gene encoding a SEC4 homologue. Current Genetics, 1995, 27, 123-130.	0.8	14
331	Molecular mechanisms in exocytosis. Journal of Membrane Biology, 1995, 146, 113-22.	1.0	19
332	Structure-function analysis of small G proteins from Volvox and Chlamydomonas by complementation of Saccharomyces cerevisiae YPT/SEC mutations. Molecular Genetics and Genomics, 1995, 247, 265-274.	2.4	16
333	Isolation and biochemical characterization of organelles from the yeast, Saccharomyces cerevisiae. Yeast, 1995, 11, 493-536.	0.8	340
334	Transcriptional studies on yeastSEC genes provide no evidence for regulation at the transcriptional level. Yeast, 1995, 11, 901-911.	0.8	8
335	Functionality and specific membrane localization of transport GTPases carrying C-terminal membrane anchors of synaptobrevin-like proteins EMBO Journal, 1995, 14, 3645-3653.	3.5	41
336	A developmentally regulated chromosomal origin of replication uses essential transcription elements Genes and Development, 1995, 9, 1543-1557.	2.7	71
337	The Ypt1 GTPase is essential for the first two steps of the yeast secretory pathway Journal of Cell Biology, 1995, 131, 583-590.	2.3	149
338	A GDP/GTP Exchange-stimulatory Activity for the Rab5-RabGDI Complex on Clathrin-coated Vesicles from Bovine Brain. Journal of Biological Chemistry, 1995, 270, 11257-11262.	1.6	52
339	Involvement of the GTP binding protein Rho in constitutive endocytosis in Xenopus laevis oocytes Journal of Cell Biology, 1995, 130, 1319-1332.	2.3	109
340	The Biochemistry of Neurotransmitter Secretion. Journal of Biological Chemistry, 1995, 270, 1971-1974.	1.6	177
341	Rab 7: an important regulator of late endocytic membrane traffic Journal of Cell Biology, 1995, 131, 1435-1452.	2.3	575
342	The Golgi-localization of yeast Emp47p depends on its di-lysine motif but is not affected by the ret1-1 mutation in alpha-COP Journal of Cell Biology, 1995, 131, 895-912.	2.3	174
343	Requirement of nucleotide exchange factor for Ypt1 GTPase mediated protein transport Journal of Cell Biology, 1995, 130, 1051-1061.	2.3	76

#	Article	IF	Citations
344	Overexpression of wild-type and mutant ARF1 and ARF6: distinct perturbations of nonoverlapping membrane compartments Journal of Cell Biology, 1995, 128, 1003-1017.	2.3	355
345	Membrane protein retrieval from the Golgi apparatus to the endoplasmic reticulum (ER): characterization of the RER1 gene product as a component involved in ER localization of Sec12p Molecular Biology of the Cell, 1995, 6, 1459-1477.	0.9	98
346	Cloning, Zn2+ Binding, and Structural Characterization of the Guanine Nucleotide Exchange Factor Human Mss4. Biochemistry, 1995, 34, 9103-9110.	1.2	17
347	Analysis of a family of ypt genes and their products from Chlamydomonas reinhardtii. Gene, 1995, 158, 41-50.	1.0	37
348	Mechanisms of neuronal polarity. Neurobiology of Aging, 1995, 16, 239-243.	1.5	17
349	rab3D protein is a specific marker for zymogen granules in gastric chief cells of rats and rabbits. Gastroenterology, 1996, 110, 809-820.	0.6	32
350	Mechanisms of Intracellular Protein Transport and Targeting in Plant Cells. Critical Reviews in Plant Sciences, 1996, 15, 285-423.	2.7	57
351	Rho proteins are localized with different membrane compartments involved in vesicular trafficking in anterior pituitary cells. Molecular and Cellular Endocrinology, 1996, 119, 195-206.	1.6	30
352	Uso1 Protein Is a Dimer with Two Globular Heads and a Long Coiled-Coil Tail. Journal of Structural Biology, 1996, 116, 356-365.	1.3	78
353	Glucose transporters and diabetes. Seminars in Cell and Developmental Biology, 1996, 7, 295-307.	2.3	15
354	Characterization of a Phytophthora infestans gene involved in vesicle transport. Gene, 1996, 181, 89-94.	1.0	56
355	Two GTPase isoforms, Ypt31p and Ypt32p, are essential for Golgi function in yeast EMBO Journal, 1996, 15, 6460-6475.	3 <b>.</b> 5	153
356	Human ARF4 Expression Rescues <i>sec7</i> Mutant Yeast Cells. Molecular and Cellular Biology, 1996, 16, 3275-3284.	1.1	31
357	Protein sorting to the yeast vacuole. Membrane Protein Transport, 1996, , 119-163.	0.2	2
358	A rab-related GTP-binding protein in Schistosoma mansoni. Molecular and Biochemical Parasitology, 1996, 77, 31-40.	0.5	23
359	Functional conservation of cytosolic proteins required for endosomal vesicle fusion. , 1996, 12, 1251-1262.		4
360	Rab3A small GTPâ€binding protein in Ca 2+ â€dependent exocytosis. Genes To Cells, 1996, 1, 615-632.	0.5	105
361	Isolation of an additional soybean cDNA encoding Ypt/Rab-related small GTP-binding protein and its functional comparison to Sypt using a yeast ypt1-1 mutant. Plant Molecular Biology, 1996, 31, 783-792.	2.0	20

#	Article	IF	CITATIONS
362	Transport of proteins in eukaryotic cells: more questions ahead. Plant Molecular Biology, 1996, 32, 223-249.	2.0	35
363	An Arabidopsis gene isolated by a novel method for detecting genetic interaction in yeast encodes the GDP dissociation inhibitor of Ara4 GTPase Plant Cell, 1996, 8, 2079-2091.	3.1	53
364	Transport between and Golgi Cisternae Requires the Function of the Ras-related Protein Rab6. Journal of Biological Chemistry, 1996, 271, 16097-16103.	1.6	24
365	Tomato Rab1A Homologs as Molecular Tools for Studying Rab Geranylgeranyl Transferase in Plant Cells. Plant Physiology, 1996, 110, 1337-1347.	2.3	64
366	An Arabidopsis Gene Isolated by a Novel Method for Detecting Genetic Interaction in Yeast Encodes the GDP Dissociation Inhibitor of Ara4 GTPase. Plant Cell, 1996, 8, 2079.	3.1	7
367	Interactions of Nucleotide Release Factor Dss4p with Sec4p in the Post-Golgi Secretory Pathway of Yeast. Journal of Biological Chemistry, 1997, 272, 18281-18289.	1.6	43
368	Yeast actin cytoskeleton mutants accumulate a new class of Golgi-derived secretary vesicle Molecular Biology of the Cell, 1997, 8, 1481-1499.	0.9	118
369	Characterization of an ADP-ribosylation Factor-like 1 Protein inSaccharomyces cerevisiae. Journal of Biological Chemistry, 1997, 272, 30998-31005.	1.6	82
370	Two New Ypt GTPases Are Required for Exit From the Yeast trans-Golgi Compartment. Journal of Cell Biology, 1997, 137, 563-580.	2.3	203
371	An isoform of the Golgi t-SNARE, syntaxin 5, with an endoplasmic reticulum retrieval signal Molecular Biology of the Cell, 1997, 8, 1777-1787.	0.9	92
372	The Yeast v-SNARE Vti1p Mediates Two Vesicle Transport Pathways through Interactions with the t-SNAREs Sed5p and Pep12p. Journal of Cell Biology, 1997, 137, 1511-1524.	2.3	198
374	Role of Rab GTPases in Membrane Traffic. International Review of Cytology, 1997, 176, 1-85.	6.2	198
375	Membrane Trafficking: Throttles and Dampers: Controlling the Engine of Membrane Fusion. Science, 1997, 276, 1212-1213.	6.0	105
376	t-SNARE Activation Through Transient Interaction with a Rab-Like Guanosine Triphosphatase. Science, 1997, 276, 1255-1258.	6.0	208
377	Cloning of Novel Transcripts of the Human Guanine-Nucleotide-Exchange Factor Mss4:In SituChromosomal Mapping and Expression in Pancreatic Cancer. Genomics, 1997, 46, 389-396.	1.3	11
378	aex-3 Encodes a Novel Regulator of Presynaptic Activity in C. elegans. Neuron, 1997, 18, 613-622.	3.8	135
379	7 Megakaryocytes and platelets in α-granule disorders. Best Practice and Research: Clinical Haematology, 1997, 10, 125-148.	1.1	38
380	The presence of a Sar1 gene family in Brassica campestris that suppresses a yeast vesicular transport mutation Sec12-1. Plant Molecular Biology, 1997, 33, 1025-1035.	2.0	17

#	ARTICLE	IF	CITATIONS
381	Specific binding to a novel and essential Golgi membrane protein (Yip1p) functionally links the transport GTPases Ypt1p and Ypt31p. EMBO Journal, 1998, 17, 4954-4963.	3.5	117
382	Initial docking of ER-derived vesicles requires Uso1p and Ypt1p but is independent of SNARE proteins. EMBO Journal, 1998, 17, 2156-2165.	3.5	339
383	TRAPP, a highly conserved novel complex on the cis-Golgi that mediates vesicle docking and fusion. EMBO Journal, 1998, 17, 2494-2503.	3.5	278
384	Polarized trafficking of plasma membrane proteins: emerging roles for coats, SNAREs, GTPases and their link to the cytoskeleton. BBA - Biomembranes, 1998, 1376, 57-90.	7.9	50
385	A novel role for Rab5–GDI in ligand sequestration into clathrin-coated pits. Current Biology, 1998, 8, 34-45.	1.8	247
386	A versatile set of vectors for constitutive and regulated gene expression inPichia pastoris., 1998, 14, 783-790.		140
387	Genetic interaction between YPT6 and YPT1 in Saccharomyces cerevisiae. Yeast, 1998, 14, 915-922.	0.8	25
388	Cloning and characterization of aDictyostelium gene encoding a small GTPase of the Rab11 family. Journal of Cellular Biochemistry, 1998, 70, 29-37.	1.2	4
389	Over-expression of the yeast BFR2 gene partially suppresses the growth defects induced by Brefeldin A and by four ER-to-Golgi mutations. Current Genetics, 1998, 33, 21-28.	0.8	6
390	A calcium-dependent ergosterol mutant of Saccharomyces cerevisiae. Current Genetics, 1998, 34, 93-99.	0.8	24
391	Overexpression of MID2 suppresses the profilinâ€deficient phenotype of yeast cells. Molecular Microbiology, 1998, 29, 515-526.	1.2	19
392	SNAREs and membrane fusion in the Golgi apparatus. Biochimica Et Biophysica Acta - Molecular Cell Research, 1998, 1404, 9-31.	1.9	138
393	Rab proteins. Biochimica Et Biophysica Acta - Molecular Cell Research, 1998, 1404, 101-112.	1.9	225
394	Use of Molecular Cytology to Study the Structure and Biology of Phytopathogenic and Mycorrhizal Fungal Genetics and Biology, 1998, 24, 252-284.	0.9	48
395	Identification of Regulators for Ypt1 GTPase Nucleotide Cycling. Molecular Biology of the Cell, 1998, 9, 2819-2837.	0.9	31
396	Signals and Mechanisms of Sorting in Epithelial Polarity. Advances in Molecular and Cell Biology, 1998, , 95-131.	0.1	0
397	GTP Hydrolysis Is Not Important for Ypt1 GTPase Function in Vesicular Transport. Molecular and Cellular Biology, 1998, 18, 827-838.	1.1	41
398	Regulation of Interleukin-1-Stimulated GMCSF mRNA Levels in Human Endothelium. Endothelium: Journal of Endothelial Cell Research, 1998, 6, 45-59.	1.7	10

#	Article	IF	CITATIONS
399	Promiscuity in Rab–SNARE Interactions. Molecular Biology of the Cell, 1999, 10, 4149-4161.	0.9	50
400	Molecular Dissection of Guanine Nucleotide Dissociation Inhibitor Function in Vivo. Journal of Biological Chemistry, 1999, 274, 14806-14817.	1.6	52
401	Mechanism of Insulin Exocytosis. Advances in Molecular and Cell Biology, 1999, 29, 151-172.	0.1	3
402	Golgi Structure Correlates with Transitional Endoplasmic Reticulum Organization in Pichia pastoris and Saccharomyces cerevisiae. Journal of Cell Biology, 1999, 145, 69-81.	2.3	306
403	ER to Golgi Transport. Journal of Cell Biology, 1999, 147, 1205-1222.	2.3	114
404	The Developmental Role of warthog, the Notch Modifier Encoding Drab6. Journal of Cell Biology, 1999, 146, 731-740.	2.3	27
405	Characterization of the ORF YBR264c in Saccharomyces cerevisiae, which encodes a new yeast Ypt that is degraded by a proteasome-dependent mechanism. Molecular Genetics and Genomics, 1999, 261, 589-600.	2.4	11
406	Functional implications of genetic interactions between genes encoding small GTPases involved in vesicular transport in yeast. Molecular Genetics and Genomics, 1999, 261, 80-91.	2.4	10
407	A Rab1 homologue with a novel isoprenylation signal provides insight into the secretory pathway of Theileria parva. Molecular and Biochemical Parasitology, 1999, 102, 131-143.	0.5	9
408	Membrane Fusion and Exocytosis. Annual Review of Biochemistry, 1999, 68, 863-911.	5.0	1,136
409	Regulation of membrane transport through the endocytic pathway by rabGTPases. Molecular Membrane Biology, 1999, 16, 81-87.	2.0	122
410	En route to the vacuole. Advances in Cellular and Molecular Biology of Membranes and Organelles, 1999, 6, 233-261.	0.3	7
411	Functional morphology of the secretory pathway organelles in yeast. Microscopy Research and Technique, 2000, 51, 530-546.	1.2	14
412	Trapp Stimulates Guanine Nucleotide Exchange on Ypt1p. Journal of Cell Biology, 2000, 151, 289-296.	2.3	186
413	The TRAPP Complex Is a Nucleotide Exchanger for Ypt1 and Ypt31/32. Molecular Biology of the Cell, 2000, 11, 4403-4411.	0.9	187
414	Molecular Basis for Rab Prenylation. Journal of Cell Biology, 2000, 150, 89-104.	2.3	277
415	TRAPP I Implicated in the Specificity of Tethering in ER-to-Golgi Transport. Molecular Cell, 2001, 7, 433-442.	4.5	230
416	Small GTP-Binding Proteins. Physiological Reviews, 2001, 81, 153-208.	13.1	2,235

#	Article	IF	CITATIONS
417	[24] Purification of TRAPP from Saccharomyces cerevisiae and identification of its mammalian counterpart. Methods in Enzymology, 2001, 329, 234-241.	0.4	22
418	Identification and characterization of genes encoding novel Rab proteins from Entamoeba histolytica. Molecular and Biochemical Parasitology, 2001, 116, 219-222.	0.5	28
419	Rab GTPases: specifying and deciphering organelle identity and function. Trends in Cell Biology, 2001, 11, 487-491.	3.6	476
420	Ypt and Rab GTPases: insight into functions through novel interactions. Current Opinion in Cell Biology, 2001, 13, 500-511.	2.6	264
421	Erv41p and Erv46p. Journal of Cell Biology, 2001, 152, 503-518.	2.3	135
422	Yeast Rab GTPase-activating Protein Gyp1p Localizes to the Golgi Apparatus and Is a Negative Regulator of Ypt1p. Molecular Biology of the Cell, 2001, 12, 1215-1226.	0.9	70
423	A Role for Actin, Cdc1p, and Myo2p in the Inheritance of Late Golgi Elements in Saccharomyces cerevisiae. Journal of Cell Biology, 2001, 153, 47-62.	2.3	193
424	Ypt/Rab GTPases: Regulators of Protein Trafficking. Science Signaling, 2001, 2001, re11-re11.	1.6	130
425	YOS9, the Putative Yeast Homolog of a Gene Amplified in Osteosarcomas, Is Involved in the Endoplasmic Reticulum (ER)-Golgi Transport of GPI-anchored Proteins. Journal of Biological Chemistry, 2002, 277, 35274-35281.	1.6	43
426	rab4 Function in Membrane Recycling from Early Endosomes Depends on a Membrane to Cytoplasm Cycle. Journal of Biological Chemistry, 2002, 277, 32029-32035.	1.6	38
427	The Full Complement of Yeast Ypt/Rab-GTPases and Their Involvement in Exo- and Endocytic Trafficking. , 2000, 34, 133-173.		18
428	Dynein Supports Motility of Endoplasmic Reticulum in the FungusUstilago maydis. Molecular Biology of the Cell, 2002, 13, 965-977.	0.9	101
429	Rab2 GTPase Regulates Vesicle Trafficking between the Endoplasmic Reticulum and the Golgi Bodies and Is Important to Pollen Tube Growth [W]. Plant Cell, 2002, 14, 945-962.	3.1	178
430	Brefeldin A Revealing the Fundamental Principles Governing Membrane Dynamics and Protein Transport., 2000, 34, 233-272.		57
431	Regulation of protein sorting and trafficking between the endoplasmic reticulum and the Golgi apparatus in yeast. Progress in Biotechnology, 2002, , 45-54.	0.2	0
432	Regulation of G-Protein-Coupled Receptor Activity by Rab GTPases. Receptors and Channels, 2002, 8, 87-97.	1.1	22
433	Intracellular membrane trafficking pathways in bone-resorbing osteoclasts revealed by cloning and subcellular localization studies of small GTP-binding rab proteins. Biochemical and Biophysical Research Communications, 2002, 293, 1060-1065.	1.0	45
434	Deletion of the copper transporter CaCCC2 reveals two distinct pathways for iron acquisition in Candida albicans. Molecular Microbiology, 2002, 44, 1551-1560.	1.2	79

#	Article	IF	Citations
435	Importance of the Rab3a TP Binding Domain for the Intracellular Stability and Function of Rabphilin3a in Secretion. Journal of Neurochemistry, 1997, 69, 164-173.	2.1	15
436	ARL1 and membrane traffic inSaccharomyces cerevisiae. Yeast, 2002, 19, 1039-1056.	0.8	54
437	Genetic interactions linkARF1,YPT31/32 andTRS130. Yeast, 2002, 19, 1075-1086.	0.8	28
438	Four ARF GAPs in Saccharomyces cerevisiae have both overlapping and distinct functions. Yeast, 2003, 20, 315-330.	0.8	40
439	Analysis of the Small GTPase Gene Superfamily of Arabidopsis. Plant Physiology, 2003, 131, 1191-1208.	2.3	570
440	The molecular machinery of synaptic vesicle exocytosis. Cellular and Molecular Life Sciences, 2003, 60, 942-960.	2.4	109
441	Regulation of Membrane Transport by rab GTPases. Critical Reviews in Biochemistry and Molecular Biology, 2003, 38, 121-142.	2.3	118
442	Secretory Granule Exocytosis. Physiological Reviews, 2003, 83, 581-632.	13.1	753
443	COPI Recruitment Is Modulated by a Rab1b-dependent Mechanism. Molecular Biology of the Cell, 2003, 14, 2116-2127.	0.9	116
444	A role for Yip1p in COPII vesicle biogenesis. Journal of Cell Biology, 2003, 163, 57-69.	2.3	73
445	Polarized Distribution of Intracellular Components by Class V Myosins in Saccharomyces cerevisiae. International Review of Cytology, 2003, 229, 1-42.	6.2	17
446	Divergent Functions of Neuronal Rab11b in Ca <sup>2+</sup> -Regulated versus Constitutive Exocytosis. Journal of Neuroscience, 2003, 23, 10531-10539.	1.7	111
447	Molecular Interactions of Yeast Neo1p, an Essential Member of the Drs2 Family of Aminophospholipid Translocases, and Its Role in Membrane Trafficking within the Endomembrane System. Molecular and Cellular Biology, 2004, 24, 7402-7418.	1.1	109
448	Golgi tethering factors. Biochimica Et Biophysica Acta - Molecular Cell Research, 2005, 1744, 325-339.	1.9	93
449	Expression of heterologous proteins in Pichia pastoris: a useful experimental tool in protein engineering and production. Journal of Molecular Recognition, 2005, 18, 119-138.	1.1	622
450	Heterologous protein production using the Pichia pastoris expression system. Yeast, 2005, 22, 249-270.	0.8	1,054
451	Saccharomyces cerevisiae Rab-GDI Displacement Factor Ortholog Yip3p Forms Distinct Complexes with the Ypt1 Rab GTPase and the Reticulon Rtn1p. Eukaryotic Cell, 2005, 4, 1166-1174.	3.4	34
452	Ypt31/32 GTPases and Their Novel F-Box Effector Protein Rcy1 Regulate Protein Recycling. Molecular Biology of the Cell, 2005, 16, 178-192.	0.9	87

#	Article	IF	Citations
453	Immunoisolaton of the Yeast Golgi Subcompartments and Characterization of a Novel Membrane Protein, Svp26, Discovered in the Sed5-Containing Compartments. Molecular and Cellular Biology, 2005, 25, 7696-7710.	1.1	52
454	Synthetic Genetic Array Analysis of the PtdIns 4-kinase Pik1p Identifies Components in a Golgi-specific Ypt31/rab-GTPase Signaling Pathway. Molecular Biology of the Cell, 2005, 16, 776-793.	0.9	112
455	Sjl2p is specifically involved in early steps of endocytosis intimately linked to actin dynamics via the Ark1p/Prk1p kinases. FEBS Letters, 2006, 580, 633-641.	1.3	7
456	Complementation and Expression Analysis of SoRab1A and SoRab2A in Sugarcane Demonstrates Their Functional Diversification. Journal of Integrative Plant Biology, 2006, 48, 1450-1457.	4.1	5
457	TRAPPII subunits are required for the specificity switch of a Ypt–Rab GEF. Nature Cell Biology, 2006, 8, 1263-1269.	4.6	139
458	TBC-domain GAPs for Rab GTPases accelerate GTP hydrolysis by a dual-finger mechanism. Nature, 2006, 442, 303-306.	13.7	292
459	Biosynthesis and trafficking of seven transmembrane receptor signalling complexes. Cellular Signalling, 2006, 18, 1549-1559.	1.7	60
460	Smad4-dependent Regulation of Urokinase Plasminogen Activator Secretion and RNA Stability Associated with Invasiveness by Autocrine and Paracrine Transforming Growth Factor- $\hat{l}^2$ . Journal of Biological Chemistry, 2006, 281, 33971-33981.	1.6	42
461	Bioinformatic and Comparative Localization of Rab Proteins Reveals Functional Insights into the Uncharacterized GTPases Ypt10p and Ypt11p. Molecular and Cellular Biology, 2006, 26, 7299-7317.	1.1	69
462	The Role of Trs65 in the Ypt/Rab Guanine Nucleotide Exchange Factor Function of the TRAPP II Complex. Molecular Biology of the Cell, 2007, 18, 2533-2541.	0.9	42
464	Rab GTPases and Their Role in the Control of Exocytosis. , 2007, , 28-41.		0
465	PpRab1, a Rab GTPase from maritime pine is differentially expressed during embryogenesis. Molecular Genetics and Genomics, 2007, 278, 273-282.	1.0	13
466	Synthetic lethality between eIF5A and Ypt1 reveals a connection between translation and the secretory pathway in yeast. Molecular Genetics and Genomics, 2008, 280, 211-221.	1.0	20
467	The TRAPP Complex: Insights into its Architecture and Function. Traffic, 2008, 9, 2032-2042.	1.3	106
468	The Regulatory RAB and ARF GTPases for Vesicular Trafficking Â. Plant Physiology, 2008, 147, 1516-1526.	2.3	170
469	Annexin A2 Interactions with Rab14 in Alveolar Type II Cells. Journal of Biological Chemistry, 2008, 283, 13156-13164.	1.6	23
470	Ypt1p is essential for retrograde Golgi-ER transport and for Golgi maintenance in S. cerevisiae. Journal of Cell Science, 2008, 121, 1293-1302.	1.2	28
471	Role of vesicle tethering factors in the ER–Golgi membrane traffic. FEBS Letters, 2009, 583, 3770-3783.	1.3	73

#	Article	IF	Citations
472	Recent advances on the GAP promoter derived expression system of Pichia pastoris. Molecular Biology Reports, 2009, 36, 1611-1619.	1.0	129
473	TRAPP II Complex Assembly Requires Trs33 or Trs65. Traffic, 2009, 10, 1831-1844.	1.3	36
474	Chapter 4 Functions of RAB and SNARE Proteins in Plant Life. International Review of Cell and Molecular Biology, 2009, 274, 183-233.	1.6	87
475	Expanding the Genetic Repertoire of the Methylotrophic Yeast Pichia pastoris. Biochemistry, 2009, 48, 2643-2653.	1.2	47
477	TRAPP complexes in membrane traffic: convergence through a common Rab. Nature Reviews Molecular Cell Biology, 2010, 11, 759-763.	16.1	159
478	Trs85 directs a Ypt1 GEF, TRAPPIII, to the phagophore to promote autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7811-7816.	3.3	244
479	Catabolite Repression of Aox in <i>Pichia pastoris</i> li>Is Dependent on Hexose Transporter PpHxt1 and Pexophagy. Applied and Environmental Microbiology, 2010, 76, 6108-6118.	1.4	56
480	Tethering Factors as Organizers of Intracellular Vesicular Traffic. Annual Review of Cell and Developmental Biology, 2010, 26, 137-156.	4.0	297
481	Myosin V Transports Secretory Vesicles via a Rab GTPase Cascade and Interaction with the Exocyst Complex. Developmental Cell, 2011, 21, 1156-1170.	3.1	140
482	Coordination of intracellular transport steps by GTPases. Seminars in Cell and Developmental Biology, 2011, 22, 33-38.	2.3	46
483	GTPases in intracellular trafficking: An overview. Seminars in Cell and Developmental Biology, 2011, 22, 1-2.	2.3	29
484	Evolution and Diversity of the Golgi. Cold Spring Harbor Perspectives in Biology, 2011, 3, a007849-a007849.	2.3	53
485	The dynamic fungal cell. Fungal Biology Reviews, 2011, 25, 14-37.	1.9	23
486	Bringing host-cell takeover by pathogenic bacteria to center stage. Cellular Logistics, 2011, 1, 120-124.	0.9	4
487	Inhibition of Rab1 GTPase and Endoplasmic Reticulum-to-Golgi Trafficking Underlies Statin's Toxicity in Rat Skeletal Myofibers. Journal of Pharmacology and Experimental Therapeutics, 2011, 338, 62-69.	1.3	25
488	Role of Rab GTPases in Membrane Traffic and Cell Physiology. Physiological Reviews, 2011, 91, 119-149.	13.1	1,268
489	Modular TRAPP Complexes Regulate Intracellular Protein Trafficking Through Multiple Ypt/Rab GTPases in <i>Saccharomyces cerevisiae</i> . Genetics, 2012, 191, 451-460.	1.2	29
490	Regulation of selective autophagy onset by a Ypt/Rab GTPase module. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6981-6986.	3.3	117

#	ARTICLE	IF	CITATIONS
491	The Rab family of proteins: 25 years on. Biochemical Society Transactions, 2012, 40, 1337-1347.	1.6	63
492	AtRabD2b, a Functional Ortholog of the Yeast Ypt1, Controls Various Growth and Developmental Processes in Arabidopsis. Plant Molecular Biology Reporter, 2012, 30, 275-285.	1.0	5
493	Bioprocess engineering aspects of heterologous protein production in Pichia pastoris: A review. Biochemical Engineering Journal, 2012, 64, 91-105.	1.8	202
494	Secretory Protein Biogenesis and Traffic in the Early Secretory Pathway. Genetics, 2013, 193, 383-410.	1.2	243
495	Trs130 Participates in Autophagy Through <scp>GTPases</scp> Ypt31/32 in <i>Saccharomyces cerevisiae</i> . Traffic, 2013, 14, 233-246.	1.3	30
496	Regulation of ER-phagy by a Ypt/Rab GTPase module. Molecular Biology of the Cell, 2013, 24, 3133-3144.	0.9	51
497	Trafficking of the <scp>I<sub>Ks</sub></scp> â€Complex in <scp>MDCK</scp> Cells: Site ofÂSubunit Assembly and Determinants ofÂPolarized Localization. Traffic, 2013, 14, 399-411.	1.3	13
498	Rab GTPases and membrane identity: Causal or inconsequential?. Journal of Cell Biology, 2013, 202, 191-199.	2.3	203
499	A <i>trs20</i> Mutation That Mimics an <scp>SEDT</scp> â€Causing Mutation Blocks Selective and Nonâ€Selective Autophagy: A Model for <scp>TRAPP III</scp> Organization. Traffic, 2013, 14, 1091-1104.	1.3	27
500	Acute inactivation of the <i><scp>A</scp>spergillus nidulans</i> â€ <scp>G</scp> olgi membrane fusion machinery: correlation of apical extension arrest and tip swelling with cisternal disorganization. Molecular Microbiology, 2013, 89, 228-248.	1.2	58
501	Rab GEFs and GAPs: The Enigma Variations. , 2014, , 81-106.		1
502	Ypt1 suppresses defects of vesicle trafficking and autophagy in Ypt6 related mutants. Cell Biology International, 2014, 38, 663-674.	1.4	8
503	A Vps21 endocytic module regulates autophagy. Molecular Biology of the Cell, 2014, 25, 3166-3177.	0.9	55
504	Rab <scp>GTP</scp> ases are essential for membrane traffickingâ€dependent growth and pathogenicity in <scp><i>F</i></scp> <i>usarium graminearum</i>	1.8	86
505	Bet3 participates in autophagy through GTPase Ypt1 in <i>Saccharomyces cerevisiae</i> International, 2015, 39, 466-474.	1.4	4
507	Ypt/Rab GTPases: Principles learned from yeast. Critical Reviews in Biochemistry and Molecular Biology, 2015, 50, 203-211.	2.3	43
509	Rab6a is a novel regulator of meiotic apparatus and maturational progression in mouse oocytes. Scientific Reports, 2016, 6, 22209.	1.6	8
510	Rabs and Other G Proteins. , 2016, , 442-449.		0

#	Article	IF	CITATIONS
511	Overexpression of Sly41 suppresses COPII vesicle–tethering deficiencies by elevating intracellular calcium levels. Molecular Biology of the Cell, 2016, 27, 1635-1649.	0.9	4
512	Trs33-Containing TRAPP IV: A Novel Autophagy-Specific Ypt1 GEF. Genetics, 2016, 204, 1117-1128.	1.2	28
513	Rab GTPases: master regulators that establish the secretory and endocytic pathways. Molecular Biology of the Cell, 2017, 28, 712-715.	0.9	285
514	Deficiency in kinesin-1 recruitment to melanosomes precludes it from facilitating their centrifugal transport. Journal of Cell Science, 2017, 130, 2056-2065.	1.2	12
515	Two Rab GTPases play different roles in conidiation, trap formation, stress resistance, and virulence in the nematode-trapping fungus Arthrobotrys oligospora. Applied Microbiology and Biotechnology, 2018, 102, 4601-4613.	1.7	67
516	Role of Rab GTPases in HSV-1 infection: Molecular understanding of viral maturation and egress. Microbial Pathogenesis, 2018, 118, 146-153.	1.3	16
517	Consequences of Rab GTPase dysfunction in genetic or acquired human diseases. Small GTPases, 2018, 9, 158-181.	0.7	50
519	Genetic dissection of the secretory route followed by a fungal extracellular glycosyl hydrolase. Molecular Microbiology, 2018, 109, 781-800.	1.2	17
520	Ypt/Rab GTPases and their TRAPP GEFs at the Golgi. FEBS Letters, 2019, 593, 2488-2500.	1.3	27
521	YIPF6 controls sorting of FGF21 into COPII vesicles and promotes obesity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15184-15193.	3.3	24
522	Off the wall: The rhyme and reason of Neurospora crassa hyphal morphogenesis. Cell Surface, 2019, 5, 100020.	1.5	22
523	Force Transmission between Three Tissues Controls Bipolar Planar Polarity Establishment and Morphogenesis. Current Biology, 2019, 29, 1360-1368.e4.	1.8	13
524	Transcriptome and metabolome analyses reveal global behaviour of a genetically engineered methanol-independent Pichia pastoris strain. Process Biochemistry, 2019, 76, 46-54.	1.8	5
525	A trafficome-wide RNAi screen reveals deployment of early and late secretory host proteins and the entire late endo-/lysosomal vesicle fusion machinery by intracellular Salmonella. PLoS Pathogens, 2020, 16, e1008220.	2.1	12
526	Establishing Regulation of a Dynamic Process by Ypt/Rab GTPases: A Case for. Methods in Molecular Biology, 2021, 2293, 189-199.	0.4	0
527	Newer Methods Drive Recent Insights into Rab GTPase Biology: An Overview. Methods in Molecular Biology, 2021, 2293, 1-18.	0.4	2
529	The Small GTPases in Fungal Signaling Conservation and Function. Cells, 2021, 10, 1039.	1.8	29
530	The fungal RABOME: RAB GTPases acting in the endocytic and exocytic pathways of <i>Aspergillus nidulans</i> (with excursions to other filamentous fungi). Molecular Microbiology, 2021, 116, 53-70.	1.2	22

#	Article	IF	Citations
531	Structural basis of TRAPPIIIâ€mediated Rab1 activation. EMBO Journal, 2021, 40, e107607.	3.5	24
532	A novel function for Rab1 and Rab11 during secretory granule maturation. Journal of Cell Science, 2021, 134, .	1,2	16
533	Identification of Disease-Associated Cryptococcal Proteins Reactive With Serum IgG From Cryptococcal Meningitis Patients. Frontiers in Immunology, 2021, 12, 709695.	2.2	8
534	The <i>VPS1</i> Protein is a Dynaminâ€Like GTPase Required for Sorting Proteins to the Yeast Vacuole. Novartis Foundation Symposium, 1993, 176, 198-217.	1.2	9
536	The Sec7 Family of Arf Guanine Nucleotide Exchange Factors. , 2004, , 71-99.		2
537	The ras family of oncogenes. Cancer Treatment and Research, 1989, 47, 73-119.	0.2	18
538	Membrane Cycling between the ER and Golgi Apparatus and Its Role in Biosynthetic Transport. Sub-Cellular Biochemistry, 1993, 21, 95-119.	1.0	25
539	Reconstitution of Endosomal Transport and Proteolysis. Sub-Cellular Biochemistry, 1993, 19, 69-93.	1.0	9
540	The YPT-Branch of the ras Superfamily of GTP-Binding Proteins in Yeast: Functional Importance of the Putative Effector Region., 1991,, 121-128.		1
541	Structure of the Human ras Gene Family. , 1989, , 153-163.		5
542	Identification of Guanine-Nucleotide Binding Proteins in Plants: Structural Analysis and Evolutionary Comparison of the Ras-Related Ypt-Gene Family from Zea Mays., 1989,, 273-284.		10
543	A Novel Cytosolic GTP-Binding Protein with Phospholipid Stimulated GTP-Binding And GTPase Activity. , 1989, , 349-357.		1
544	Strains and Molecular Tools for Recombinant Protein Production in Pichia pastoris. Methods in Molecular Biology, 2014, 1152, 87-111.	0.4	7
545	Multiple Roles of Rab GTPases at the Golgi. Results and Problems in Cell Differentiation, 2019, 67, 95-123.	0.2	7
546	Development: Signals in the Development of Cryptogams. , 1991, , 138-189.		22
547	Targeting of Proteins to the Lysosome. Current Topics in Microbiology and Immunology, 1991, 170, 43-65.	0.7	19
548	Transport of Membrane Proteins to the Cell Surface. Current Topics in Microbiology and Immunology, 1991, 170, 107-139.	0.7	19
549	Protein Sorting in Polarized Epithelial Cells. Current Topics in Microbiology and Immunology, 1991, 170, 141-181.	0.7	24

#	Article	IF	CITATIONS
550	Enhancement of Cholera Toxin-Catalyzed ADP-Ribosylation by Guanine Nucleotide-Binding Proteins. Current Topics in Microbiology and Immunology, 1992, 175, 43-67.	0.7	21
551	Ypt Proteins in Yeast and Their Role in Intracellular Transport. Handbook of Experimental Pharmacology, 1993, , 409-421.	0.9	1
552	Compartmentalization of rab Proteins in Mammalian Cells. Handbook of Experimental Pharmacology, 1993, , 423-445.	0.9	2
553	Biogenesis of Peribacteroid Membrane (PBM) Forming a Subcellular Compartment Essential for Symbiotic Nitrogen Fixation. Current Plant Science and Biotechnology in Agriculture, 1993, , 269-274.	0.0	4
554	Endomembrane System of Plants and Fungi. , 1990, , 183-210.		7
555	Identification of distinct cytoplasmic targets for ras/R-ras and rho regulatory proteins. Journal of Biological Chemistry, 1989, 264, 10-13.	1.6	223
556	Isolation of three classes of conditional lethal Chinese hamster ovary cell mutants with temperature-dependent defects in low density lipoprotein receptor stability and intracellular membrane transport Journal of Biological Chemistry, 1994, 269, 20958-20970.	1.6	47
557	Evidence for the involvement of Rab3A in Ca(2+)-dependent exocytosis from adrenal chromaffin cells Journal of Biological Chemistry, 1994, 269, 10229-10234.	1.6	208
558	Low molecular weight GTP-binding proteins in human neutrophil granule membranes Journal of Biological Chemistry, 1991, 266, 1289-1298.	1.6	58
559	The Saccharomyces cerevisiae MSI4 gene encodes the yeast counterpart of component A of Rab geranylgeranyltransferase Journal of Biological Chemistry, 1994, 269, 9205-9212.	1.6	44
560	Sequential intermediates in the transport of protein between the endoplasmic reticulum and the Golgi Journal of Biological Chemistry, 1990, 265, 18298-18310.	1.6	67
561	Characterization of the mechanism of endocytic vesicle fusion in vitro Journal of Biological Chemistry, 1990, 265, 16751-16759.	1.6	50
562	rap1B, a cAMP-dependent protein kinase substrate, associates with the platelet cytoskeleton Journal of Biological Chemistry, 1990, 265, 19405-19408.	1.6	93
563	Reconstitution of steps in the constitutive secretory pathway in permeabilized cells. Secretion of glycosylated tripeptide and truncated sphingomyelin Journal of Biological Chemistry, 1990, 265, 20027-20032.	1.6	58
564	Ras (CXXX) and Rab (CC/CXC) prenylation signal sequences are unique and functionally distinct Journal of Biological Chemistry, 1992, 267, 24363-24368.	1.6	68
565	Interaction between protein kinase C-dependent and G protein-dependent pathways in the regulation of natural killer cell granule exocytosis Journal of Biological Chemistry, 1992, 267, 23957-23962.	1.6	35
566	A novel small molecular weight GTP-binding protein with the same putative effector domain as the ras proteins in bovine brain membranes. Purification, determination of primary structure, and characterization Journal of Biological Chemistry, 1988, 263, 18965-18971.	1.6	175
567	Characterization and site-directed mutagenesis of a low M(r) GTP-binding protein, ram p25, expressed in Escherichia coli Journal of Biological Chemistry, 1992, 267, 19600-19606.	1.6	12

#	Article	IF	CITATIONS
568	Low molecular weight GTP-binding proteins in cardiac muscle. Association with a 32-kDa component related to connexins Journal of Biological Chemistry, 1992, 267, 16503-16508.	1.6	13
569	ADP-ribosylation factor is required for vesicular trafficking between the endoplasmic reticulum and the cis-Golgi compartment Journal of Biological Chemistry, 1992, 267, 13053-13061.	1.6	199
570	rab15, a novel low molecular weight GTP-binding protein specifically expressed in rat brain Journal of Biological Chemistry, 1992, 267, 5768-5775.	1.6	74
571	Purification and characterization of a late Golgi compartment from Saccharomyces cerevisiae Journal of Biological Chemistry, 1994, 269, 28106-28117.	1.6	24
572	Low molecular weight GTP-binding proteins are associated with neuronal organelles involved in rapid axonal transport and exocytosis. Journal of Biological Chemistry, 1989, 264, 18363-18367.	1.6	30
573	Purification and cDNA-derived sequence of adenylosuccinate synthetase from Dictyostelium discoideum. Journal of Biological Chemistry, 1991, 266, 2480-2485.	1.6	26
574	A family of ras-like GTP-binding proteins expressed in electromotor neurons. Journal of Biological Chemistry, 1991, 266, 2675-2680.	1.6	62
575	Biochemical analysis of rab9, a ras-like GTPase involved in protein transport from late endosomes to the trans Golgi network Journal of Biological Chemistry, 1993, 268, 6925-6931.	1.6	43
576	Differential inhibition of multiple vesicular transport steps between the endoplasmic reticulum and trans Golgi network Journal of Biological Chemistry, 1993, 268, 4216-4226.	1.6	106
577	Brefeldin A causes a defect in secretion in Saccharomyces cerevisiae Journal of Biological Chemistry, 1993, 268, 3040-3043.	1.6	57
578	Purification and characterization of SAR1p, a small GTP-binding protein required for transport vesicle formation from the endoplasmic reticulum Journal of Biological Chemistry, 1993, 268, 873-879.	1.6	151
579	The Human Rab Genes Encode a Family of GTP-binding Proteins Related to Yeast YPT1 and SEC4 Products Involved in Secretion. Journal of Biological Chemistry, 1989, 264, 12394-12401.	1.6	362
580	Biochemistry of Interorganelle Transport. Journal of Biological Chemistry, 1989, 264, 16965-16968.	1.6	165
581	Different requirements for protein kinase C activation and Ca2+-independent insulin secretion in response to guanine nucleotides. Journal of Biological Chemistry, 1989, 264, 9939-9944.	1.6	45
582	rab GTP-binding proteins implicated in vesicular transport are isoprenylated in vitro at cysteines within a novel carboxyl-terminal motif. Journal of Biological Chemistry, 1991, 266, 8540-8544.	1.6	93
583	Small Molecular Weight GTP-binding Proteins in Human Platelet Membranes. Journal of Biological Chemistry, 1989, 264, 1877-1881.	1.6	89
584	Sequential transport of protein between the endoplasmic reticulum and successive Golgi compartments in semi-intact cells. Journal of Biological Chemistry, 1991, 266, 13055-13063.	1.6	66
585	Insulin and okadaic acid induce Rab4 redistribution in adipocytes Journal of Biological Chemistry, 1993, 268, 19491-19497.	1.6	138

#	Article	IF	CITATIONS
586	The small GTP-binding proteins in the cytosol of insulin-secreting cells are complexed to GDP dissociation inhibitor proteins Journal of Biological Chemistry, 1992, 267, 17512-17519.	1.6	165
587	Localization and subcellular distribution of smg p25A, a ras p21-like GTP-binding protein, in rat brain Journal of Biological Chemistry, 1990, 265, 11872-11879.	1.6	152
588	Binding and hydrolysis of guanine nucleotides by Sec4p, a yeast protein involved in the regulation of vesicular traffic Journal of Biological Chemistry, 1990, 265, 9366-9372.	1.6	95
589	Post-translational modification of low molecular mass GTP-binding proteins by isoprenoid Journal of Biological Chemistry, 1990, 265, 2148-2155.	1.6	96
590	Identification of low molecular weight GTP-binding proteins and their sites of interaction in subcellular fractions from skeletal muscle Journal of Biological Chemistry, 1991, 266, 17613-17620.	1.6	27
591	Analysis of substrate interactions of the Rous sarcoma virus wild type and mutant proteases and human immunodeficiency virus-1 protease using a set of systematically altered peptide substrates Journal of Biological Chemistry, 1992, 267, 9491-9498.	1.6	48
592	Guanine nucleotide-binding proteins in the intestinal parasite Giardia lamblia. Isolation of a gene encoding an approximately 20-kDa ADP-ribosylation factor Journal of Biological Chemistry, 1992, 267, 9654-9662.	1.6	83
593	Yeast beta- and beta'-coat proteins (COP). Two coatomer subunits essential for endoplasmic reticulum-to-Golgi protein traffic Journal of Biological Chemistry, 1994, 269, 24486-24495.	1.6	124
594	GTP stimulates pregnenolone generation in isolated rat adrenal mitochondria. Journal of Biological Chemistry, 1989, 264, 17674-17680.	1.6	35
595	rac, a novel ras-related family of proteins that are botulinum toxin substrates. Journal of Biological Chemistry, 1989, 264, 16378-16382.	1.6	510
596	Identification of the ral and rac1 Gene Products, Low Molecular Mass GTP-binding Proteins from Human Platelets. Journal of Biological Chemistry, 1989, 264, 16383-16389.	1.6	92
597	Phosphorylation of smg p21, a ras p21-like GTP-binding Protein, by Cyclic AMP-dependent Protein Kinase in a Cell-free System and in Response to Prostaglandin E1 in Intact Human Platelets. Journal of Biological Chemistry, 1989, 264, 15688-15695.	1.6	103
598	4 Synaptic vesicle proteins and exocytosis. Advances in Second Messenger and Phosphoprotein Research, 1994, 29, 59-79.	4.5	7
599	7 A novel mammalian guanine nucleotide exchange factor (GEF) specific for rab proteins. Advances in Second Messenger and Phosphoprotein Research, 1994, 29, 109-119.	4.5	10
600	New Mutants of <i>Saccharomyces cerevisiae</i> Affected in the Transport of Proteins From the Endoplasmic Reticulum to the Golgi Complex. Genetics, 1996, 142, 393-406.	1.2	127
601	Genetic Interactions Between a pep7 Mutation and the PEP12 and VPS45 Genes: Evidence for a Novel SNARE Component in Transport Between the Saccharomyces cerevisiae Golgi Complex and Endosome. Genetics, 1997, 147, 467-478.	1.2	29
602	Genetic Interactions in Yeast Between Ypt GTPases and Arf Guanine Nucleotide Exchangers. Genetics, 1999, 152, 1543-1556.	1.2	76
603	Protein targeting in yeast. Journal of General Microbiology, 1991, 137, 1765-1773.	2.3	10

#	Article	IF	CITATIONS
604	Overexpression of a dominant-negative allele of YPT1 inhibits growth and aspartyl protease secretion in Candida albicans The GenBank accession number for the C. albicans YPT1 sequence reported in this paper is AF330211 Microbiology (United Kingdom), 2001, 147, 1961-1970.	0.7	25
605	Diverse Biological Functions of Small GTP-binding Proteins in Yeast. Cold Spring Harbor Symposia on Quantitative Biology, 1988, 53, 629-636.	2.0	28
607	Resistance to influenza virus infection of Mx transgenic mice expressing Mx protein under the control of two constitutive promoters. Journal of Virology, 1992, 66, 1709-1716.	1.5	38
608	Molecular cloning and expression of a G25K cDNA, the human homolog of the yeast cell cycle gene CDC42. Molecular and Cellular Biology, 1990, 10, 5977-5982.	1.1	73
609	Molecular Cloning of YPT1/SEC4-Related cDNAs from an Epithelial Cell Line. Molecular and Cellular Biology, 1990, 10, 6578-6585.	1.1	83
610	ADP Ribosylation Factor Is an Essential Protein in <i>Saccharomyces cerevisiae</i> and Is Encoded by Two Genes. Molecular and Cellular Biology, 1990, 10, 6690-6699.	1.1	94
611	Characterization of Four Novel <i>ras</i> -Like Genes Expressed in a Human Teratocarcinoma Cell Line. Molecular and Cellular Biology, 1990, 10, 1793-1798.	1.1	156
612	Structural and Functional Dissection of a Membrane Glycoprotein Required for Vesicle Budding from the Endoplasmic Reticulum. Molecular and Cellular Biology, 1991, 11, 5727-5734.	1.1	49
613	Identification and Structure of Four Yeast Genes ( <i>SLY</i> ) That Are Able To Suppress the Functional Loss of <i>YPT1</i> , a Member of the <i>RAS</i> Superfamily. Molecular and Cellular Biology, 1991, 11, 872-885.	1.1	142
614	The Yeast <i>SLY</i> Gene Products, Suppressors of Defects in the Essential GTP-Binding Ypt1 Protein, May Act in Endoplasmic Reticulum-to-Golgi Transport. Molecular and Cellular Biology, 1991, 11, 2980-2993.	1.1	92
615	Hydrolysis of GTP by Sec4 Protein Plays an Important Role in Vesicular Transport and Is Stimulated by a GTPase-Activating Protein in <i>Saccharomyces cerevisiae</i> . Molecular and Cellular Biology, 1992, 12, 2017-2028.	1.1	62
616	Testis-Specific Mak Protein Kinase Is Expressed Specifically in the Meiotic Phase in Spermatogenesis and Is Associated with a 210-Kilodalton Cellular Phosphoprotein. Molecular and Cellular Biology, 1993, 13, 4146-4156.	1.1	20
617	The ras oncogenean important regulatory element in lower eucaryotic organisms. Microbiological Reviews, 1989, 53, 171-185.	10.1	190
618	Stationary phase in the yeast Saccharomyces cerevisiae. Microbiological Reviews, 1993, 57, 383-401.	10.1	542
619	The Small GTPase Superfamily in Plants: A Conserved Regulatory Module with Novel Functions. Annual Review of Plant Biology, 2020, 71, 247-272.	8.6	51
620	ldentification of rab12 as a Secretory Granule Associated Small GTP-Binding Protein in Atrial Myocytes. Circulation Research, 1996, 78, 343-347.	2.0	20
621	Increase in the expression of a family of small guanosine triphosphate-binding proteins, rab proteins, during induced phagocyte differentiation Journal of Clinical Investigation, 1991, 87, 901-907.	3.9	40
622	Identification and subcellular localization of human rab5b, a new member of the ras-related superfamily of GTPases Journal of Clinical Investigation, 1992, 89, 996-1005.	3.9	41

#	Article	IF	CITATIONS
623	The Drosophila Ras2 and Rop gene pair: a dual homology with a yeast Ras-like gene and a suppressor of its loss-of-function phenotype. Development (Cambridge), 1993, 117, 1309-1319.	1.2	65
624	Isoprenylation of rab proteins on structurally distinct cysteine motifs. Journal of Cell Science, 1992, 102, 857-865.	1.2	51
625	The small gtp-binding protein rab6p is distributed from medial golgi to the <i>Trans</i> -golgi network as determined by a confocal microscopic approach. Journal of Cell Science, 1992, 103, 785-796.	1.2	133
626	Characterization of a novel 63 kDa membrane protein: Implications for the organization of the ER-to-Golgi pathway. Journal of Cell Science, 1993, 104, 671-683.	1.2	133
627	The small GTP-binding protein, Rab6p, is associated with both Golgi and post-Golgi synaptophysin-containing membranes during synaptogenesis of hypothalamic neurons in culture. Journal of Cell Science, 1993, 105, 935-947.	1.2	26
628	Rab6 is associated with a compartment that transports rhodopsin from the <i>trans</i> -Golgi to the site of rod outer segment disk formation in frog retinal photoreceptors. Journal of Cell Science, 1993, 106, 803-813.	1.2	62
629	Involvement of Ypt7p, a small GTPase, in traffic from late endosome to the vacuole in yeast. Journal of Cell Science, 1993, 106, 823-830.	1.2	131
630	Molecular cloning and subcellular localization of three GTP-binding proteins of the rab subfamily. Journal of Cell Science, 1993, 106, 1249-1261.	1.2	128
631	Mutations in the <i>VPS45</i> gene, a <i>SEC1</i> homologue, result in vacuolar protein sorting defects and accumulation of membrane vesicles. Journal of Cell Science, 1994, 107, 3449-3459.	1.2	134
632	Transport and internal organization of membranes: vesicles, membrane networks and GTP-binding proteins. Journal of Cell Science, 1994, 107, 753-763.	1.2	34
633	The rab7 gtpase resides on a vesicular compartment connected to lysosomes. Journal of Cell Science, 1995, 108, 3349-3358.	1.2	263
634	Localization of the small GTP-binding protein rab1p to early compartments of the secretory pathway. Journal of Cell Science, 1995, 108, 1541-1552.	1.2	107
635	The GTPase Rab3a is associated with large dense core vesicles in bovine chromaffin cells and rat PC12 cells. Journal of Cell Science, 1995, 108, 1639-1649.	1.2	55
636	Isolation and characterization of <i>SYS</i> genes from yeast, multicopy suppressors of the functional loss of the transport GTPase Ypt6p. Journal of Cell Science, 1996, 109, 2471-2481.	1.2	80
637	Paramecium trichocysts isolated with their membranes are stable in the presence of millimolar Ca2+. Journal of Cell Science, 1989, 93, 557-564.	1.2	17
638	Small GTP-Binding Proteins on Rat Liver Lysosomal Membranes Cell Structure and Function, 1992, 17, 363-369.	0.5	7
639	Rab35 Targeting to the Plasma Membrane Is Dependent on the C-terminal Polybasic Cluster. Acta Histochemica Et Cytochemica, 2020, 53, 93-97.	0.8	2
640	Plasmodium falciparum Rab1A Localizes to Rhoptries in Schizonts. PLoS ONE, 2016, 11, e0158174.	1.1	11

#	Article	IF	CITATIONS
641	The Roles of the SNARE Protein Sed5 in Autophagy in Saccharomyces cerevisiae. Molecules and Cells, 2017, 40, 643-654.	1.0	9
642	The unity of opposites: Strategic interplay between bacterial effectors to regulate cellular homeostasis. Journal of Biological Chemistry, 2021, 297, 101340.	1.6	10
643	Tethering Factors., 2009,, 254-281.		1
644	RAB18., 2012, , 1528-1532.		0
645	Signals for Membrane-Associated Transport in Eukaryotic Cells. Sub-Cellular Biochemistry, 1989, 15, 307-365.	1.0	4
647	Transport of Lipids and Proteins During Membrane Flow in Eukaryotic Cells. , 1989, , 59-83.		3
648	Does HIV NEF Protein Belong to the G-Protein Family?. , 1989, , 285-288.		0
649	Structure and Organization of the ras Gene Family, in Human. , 1989, , 1-10.		1
650	Structural and Functional Analysis of ypt Proteins, a Family of ras-Related Nucleotide-Binding Proteins in Eukaryotic Cells., 1989,, 257-264.		3
651	Biological Markers of Alzheimer's Disease: A View from the Perspective of Phospholipids in Membrane Function. , 1990, , 205-211.		0
652	Secretion and Organelle Biogenesis: Problems in Targeting Proteins to Specific Subcellular Compartments. , 1990, , 317-343.		0
653	Co-Localization by Immunofluorescence of the $\hat{l}\pm$ Subunit(S) of Gi with Cytoplasmic Structures. , 1990, , 133-140.		1
654	Control of Exocytosis in Secretory Cells: the Adrenal Chromaffin Cell., 1990,, 191-218.		0
655	<i>SAS1</i> and <i>SAS2,</i> GTP-Binding Protein Genes in <idictyostelium discoideum<="" i=""> with Sequence Similarities to Essential Genes in <i>Saccharomyces cerevisiae</i> Molecular and Cellular Biology, 1990, 10, 2367-2378.</idictyostelium>	1.1	8
656	BET1, BOS1, and SEC22 Are Members of a Group of Interacting Yeast Genes Required for Transport from the Endoplasmic Reticulum to the Golgi Complex. Molecular and Cellular Biology, 1990, 10, 3405-3414.	1.1	116
657	Immunoisolation Using Magnetic Solid Supports: Subcellular Fractionation for Cell-Free Functional Studies., 1991,, 171-198.		0
658	Localization of rab Proteins., 1991,, 253-262.		0
659	Protein Secretion and GTP-binding Proteins Seibutsu Butsuri, 1991, 31, 53-57.	0.0	O

#	Article	IF	Citations
661	Role of the C-Terminal Region of <i>smg</i> p25A in Its Interaction with Membranes and the GDP/GTP Exchange Protein. Molecular and Cellular Biology, 1991, 11, 1438-1447.	1.1	28
662	A Mammalian Inhibitory GDP/GTP Exchange Protein (GDP Dissociation Inhibitor) for <i>smg</i> p25A Is Active on the Yeast <i>SEC4</i> Protein. Molecular and Cellular Biology, 1991, 11, 2909-2912.	1.1	24
664	SEC22 and SLY2 are identical. Molecular and Cellular Biology, 1992, 12, 3663-3664.	1.1	6
665	Small GTPases and Vesicle Trafficking: Sec4p and its Interaction with Up- and Downstream Elements. Handbook of Experimental Pharmacology, 1993, , 39-52.	0.9	0
666	Membrane Fusion, Formation and Flow., 1993,, 297-352.		0
667	Root Nodule Organogenesis and Formation of the Peribacteroid Membrane Compartment. Current Plant Science and Biotechnology in Agriculture, 1993, , 343-352.	0.0	0
668	Signal Transduction during Exocytosis in Mast Cells. , 1993, , 103-119.		0
669	Regulation of Early Endosome Fusion In Vitro. , 1993, , 215-228.		0
670	Regulation of Endocytosis by the Small GTP-ASE RAB5. , 1993, , 377-385.		0
671	Regulated Exocytosis and Interorganelle Vesicular Traffic: A Comparative Analysis. Handbook of Experimental Pharmacology, 1993, , 487-505.	0.9	0
672	GTPases in Transport Between Late Endosomes and the Trans Golgi Network. Handbook of Experimental Pharmacology, 1993, , 447-459.	0.9	0
675	Transport of proteins in eukaryotic cells: more questions ahead. , 1996, , 223-249.		O
676	RAB18., 2016,, 1-8.		0
678	RAB18., 2018, , 4355-4362.		1
681	Effects of Botulinum Toxin Type D on Secretion of Tumor Necrosis Factor from Human Monocytes. Molecular and Cellular Biology, 1989, 9, 2239-2243.	1.1	3
685	Functionality and specific membrane localization of transport GTPases carrying C-terminal membrane anchors of synaptobrevin-like proteins. EMBO Journal, 1995, 14, 3645-53.	3.5	16
686	The N-terminal domain of a rab protein is involved in membrane-membrane recognition and/or fusion. EMBO Journal, 1994, 13, 34-41.	3.5	10
687	Distinct structural elements of rab5 define its functional specificity. EMBO Journal, 1994, 13, 575-83.	3.5	57

#	Article	IF	Citations
688	Inhibition of rab5 GTPase activity stimulates membrane fusion in endocytosis. EMBO Journal, 1994, 13, 1287-96.	3.5	448
689	VPS21 encodes a rab5-like GTP binding protein that is required for the sorting of yeast vacuolar proteins. EMBO Journal, 1994, 13, 1297-309.	3.5	96
690	GDI1 encodes a GDP dissociation inhibitor that plays an essential role in the yeast secretory pathway. EMBO Journal, 1994, 13, 1718-28.	3.5	71
691	The mammalian G protein rhoC is ADP-ribosylated by Clostridium botulinum exoenzyme C3 and affects actin microfilaments in Vero cells. EMBO Journal, 1989, 8, 1087-92.	3.5	171
692	The ras-related mouse ypt1 protein can functionally replace the YPT1 gene product in yeast. EMBO Journal, 1989, 8, 1427-32.	3.5	60
693	Mutational analysis of SEC4 suggests a cyclical mechanism for the regulation of vesicular traffic. EMBO Journal, 1989, 8, 1685-93.	3.5	131
694	The TIP1 gene of Saccharomyces cerevisiae encodes an 80 kDa cytoplasmic protein that interacts with the cytoplasmic domain of Sec20p. EMBO Journal, 1993, 12, 2831-40.	3.5	28
695	The Sec13p complex and reconstitution of vesicle budding from the ER with purified cytosolic proteins. EMBO Journal, 1993, 12, 4073-82.	3.5	94
696	Roles of plant homologs of Rab1p and Rab7p in the biogenesis of the peribacteroid membrane, a subcellular compartment formed de novo during root nodule symbiosis. EMBO Journal, 1993, 12, 4125-35.	3.5	66
697	Two GTPase isoforms, Ypt31p and Ypt32p, are essential for Golgi function in yeast. EMBO Journal, 1996, 15, 6460-75.	3.5	81
698	Mutational analysis of the putative effector domain of the GTP-binding Ypt1 protein in yeast suggests specific regulation by a novel GAP activity. EMBO Journal, 1991, 10, 785-92.	3.5	32
699	ldentification of ras-related, YPT family genes in Schizosaccharomyces pombe. EMBO Journal, 1990, 9, 1417-22.	3.5	34
700	The ryhl gene in the fission yeast Schizosaccharomyces pombe encoding a GTP-binding protein related to ras, rho and ypt: structure, expression and identification of its human homologue. EMBO Journal, 1990, 9, 1949-55.	3.5	28
701	Structural and functional analysis of ypt2, an essential ras-related gene in the fission yeast Schizosaccharomyces pombe encoding a Sec4 protein homologue. EMBO Journal, 1990, 9, 1957-62.	3 <b>.</b> 5	36
702	Synthetic peptides of the Rab effector domain inhibit vesicular transport through the secretory pathway. EMBO Journal, 1990, 9, 2375-83.	3.5	47
703	The Saccharomyces cerevisiae SEC20 gene encodes a membrane glycoprotein which is sorted by the HDEL retrieval system. EMBO Journal, 1992, 11, 423-32.	3.5	49
704	Bos1p, a membrane protein required for ER to Golgi transport in yeast, co-purifies with the carrier vesicles and with Bet1p and the ER membrane. EMBO Journal, 1992, 11, 3609-17.	3.5	28
708	Rab GTPases and Other G Proteins. , 2022, , .		0

#	Article	IF	CITATIONS
711	Production and Purification of Monomeric Recombinant Peptide Aptamers: Requirements for Efficient Intracellular Uptake and Target Inhibition., $0$ ,, $145-186$ .		О
712	The Golgi Apparatus and its Next-Door Neighbors. Frontiers in Cell and Developmental Biology, 2022, 10, 884360.	1.8	19
713	Therapeutic Targeting of Rab GTPases: Relevance for Alzheimer's Disease. Biomedicines, 2022, 10, 1141.	1.4	9
714	Strains and Molecular Tools for Recombinant Protein Production in Pichia pastoris. Methods in Molecular Biology, 2022, , 79-112.	0.4	2
715	A novel membrane targeting domain mediates the endosomal or Golgi localization specificity of small GTPases Rab22 and Rab31. Journal of Biological Chemistry, 2022, 298, 102281.	1.6	1
716	Sorting and Export of Proteins at the Endoplasmic Reticulum. Cold Spring Harbor Perspectives in Biology, 2023, 15, a041258.	2.3	7