INPP4B Is a PtdIns(3,4,5)P3 Phosphatase That Can Act as

Cancer Discovery 5, 730-739

DOI: 10.1158/2159-8290.cd-14-1329

Citation Report

#	Article	IF	CITATIONS
1	Precise control of localized signals. Nature, 2015, 522, 38-40.	13.7	4
2	INPP4B Is a Tumor Suppressor in the Context of PTEN Deficiency. Cancer Discovery, 2015, 5, 697-700.	7.7	17
3	Phosphoinositide signaling in cancer: INPP4B Akt(s) out. Trends in Molecular Medicine, 2015, 21, 530-532.	3.5	26
4	PIPPing on AKT1: How Many Phosphatases Does It Take to Turn off PI3K?. Cancer Cell, 2015, 28, 143-145.	7.7	9
5	A Kinase Divided. Cancer Cell, 2015, 28, 145-147.	7.7	2
6	The extended human <scp>PTP</scp> ome: a growing tyrosine phosphatase family. FEBS Journal, 2016, 283, 1404-1429.	2.2	90
7	Emerging evidence of signalling roles for $PI(3,4) < i > P <  i > 2 $ in Class I and II $PI3K$ -regulated pathways. Biochemical Society Transactions, 2016, 44, 307-314.	1.6	96
8	Regulation of PtdIns(3,4,5) <i>P</i> 3/Akt signalling by inositol polyphosphate 5-phosphatases. Biochemical Society Transactions, 2016, 44, 240-252.	1.6	53
9	The Extended Family of Protein Tyrosine Phosphatases. Methods in Molecular Biology, 2016, 1447, 1-23.	0.4	24
10	INPP4B reverses docetaxel resistance and epithelial-to-mesenchymal transition via the PI3K/Akt signaling pathway in prostate cancer. Biochemical and Biophysical Research Communications, 2016, 477, 467-472.	1.0	21
11	miR-937 contributes to the lung cancer cell proliferation by targeting INPP4B. Life Sciences, 2016, 155, 110-115.	2.0	28
12	Biological and clinical significance of loss of heterozygosity at the INPP4B gene locus in Japanese breast cancer. Breast, 2016, 25, 62-68.	0.9	7
13	PI3K/AKT Pathway and Its Mediators in Thyroid Carcinomas. Molecular Diagnosis and Therapy, 2016, 20, 13-26.	1.6	66
14	DNMT3AR882H mutant and Tet2 inactivation cooperate in the deregulation of DNA methylation control to induce lymphoid malignancies in mice. Leukemia, 2016, 30, 1388-1398.	3.3	67
15	Regulation of PI3K effector signalling in cancer by the phosphoinositide phosphatases. Bioscience Reports, $2017, 37, \ldots$	1.1	91
16	INPP4B and PTEN Loss Leads to PI-3,4-P2 Accumulation and Inhibition of PI3K in TNBC. Molecular Cancer Research, 2017, 15, 765-775.	1.5	26
17	<scp>INPP</scp> 4B overexpression suppresses migration, invasion and angiogenesis of human prostate cancer cells. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 700-708.	0.9	14
18	IRF2-INPP4B axis participates in the development of acute myeloid leukemia by regulating cell growth and survival. Gene, 2017, 627, 9-14.	1.0	13

#	ARTICLE	IF	CITATIONS
19	MicroRNA-590-3p promotes cell proliferation and invasion by targeting inositol polyphosphate 4-phosphatase type II in human prostate cancer cells. Tumor Biology, 2017, 39, 101042831769594.	0.8	11
20	PTEN Regulates PI(3,4)P2 Signaling Downstream of Class I PI3K. Molecular Cell, 2017, 68, 566-580.e10.	4.5	149
22	Metabolic Determinants of Sensitivity to Phosphatidylinositol 3-Kinase Pathway Inhibitor in Small-Cell Lung Carcinoma. Cancer Research, 2018, 78, 2179-2190.	0.4	33
23	INPP4B (Inositol Polyphosphate-4-Phosphate Type II B). Atlas of Genetics and Cytogenetics in Oncology and Haematology, 2018, , .	0.1	0
24	TRIM59 promotes breast cancer motility by suppressing p62-selective autophagic degradation of PDCD10. PLoS Biology, 2018, 16, e3000051.	2.6	78
25	G2Vec: Distributed gene representations for identification of cancer prognostic genes. Scientific Reports, 2018, 8, 13729.	1.6	25
26	Inositol polyphosphate-4-phosphatase type II plays critical roles in the modulation of cadherin-mediated adhesion dynamics of pancreatic ductal adenocarcinomas. Cell Adhesion and Migration, 2018, 12, 548-563.	1.1	7
27	Inhibition of SHIP2 activity inhibits cell migration and could prevent metastasis in breast cancer cells. Journal of Cell Science, 2018, 131, .	1.2	25
28	INPP4B promotes cell survival via SGK3 activation in NPM1-mutated leukemia. Journal of Experimental and Clinical Cancer Research, 2018, 37, 8.	3.5	18
30	A robust 6-mRNA signature for prognosis prediction of pancreatic ductal adenocarcinoma. International Journal of Biological Sciences, 2019, 15, 2282-2295.	2.6	14
31	Increased fatty acyl saturation of phosphatidylinositol phosphates in prostate cancer progression. Scientific Reports, 2019, 9, 13257.	1.6	18
32	<p>INPP4B inhibits cell proliferation, invasion and chemoresistance in human hepatocellular carcinoma</p> . OncoTargets and Therapy, 2019, Volume 12, 3491-3507.	1.0	13
33	Targeting the PI3-kinase pathway in triple-negative breast cancer. Annals of Oncology, 2019, 30, 1051-1060.	0.6	180
34	Akt-ing Up Just About Everywhere: Compartment-Specific Akt Activation and Function in Receptor Tyrosine Kinase Signaling. Frontiers in Cell and Developmental Biology, 2019, 7, 70.	1.8	97
35	Phosphoinositide phosphatases in cancer cell dynamicsâ€"Beyond PI3K and PTEN. Seminars in Cancer Biology, 2019, 59, 50-65.	4.3	25
36	Lysophosphatidylinositolâ€acyltransferaseâ€1 is involved in cytosolic Ca2+oscillations in macrophages. Genes To Cells, 2019, 24, 366-376.	0.5	6
37	Inositol polyphosphate 4-phosphatase type II regulation of androgen receptor activity. Oncogene, 2019, 38, 1121-1135.	2.6	10
38	Estrogen receptor $\hat{l}^2$ regulates AKT activity through up-regulation of INPP4B and inhibits migration of prostate cancer cell line PC-3. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26347-26355.	3.3	10

#	Article	IF	CITATIONS
39	Kaposi Sarcoma in Association With an Extracavitary Primary Effusion Lymphoma Showing Unusual Intravascular Involvement: Report of a Case Harboring a FAM175A Germline Mutation. American Journal of Dermatopathology, 2020, 42, 55-60.	0.3	4
40	PTEN and Other PtdIns(3,4,5)P3 Lipid Phosphatases in Breast Cancer. International Journal of Molecular Sciences, 2020, 21, 9189.	1.8	32
41	Proteomic analysis enables distinction of early―versus advancedâ€stage lung adenocarcinomas. Clinical and Translational Medicine, 2020, 10, e106.	1.7	7
42	The INPP4B Tumor Suppressor Modulates EGFR Trafficking and Promotes Triple-Negative Breast Cancer. Cancer Discovery, 2020, 10, 1226-1239.	7.7	32
43	The PI3K-AKT-mTOR Pathway and Prostate Cancer: At the Crossroads of AR, MAPK, and WNT Signaling. International Journal of Molecular Sciences, 2020, 21, 4507.	1.8	289
44	IRF2â€NPP4B axis inhibits apoptosis of acute myeloid leukaemia cells via regulating T helper 1/2 cell differentiation. Cell Biochemistry and Function, 2020, 38, 582-590.	1.4	4
45	Deregulated PTEN/PI3K/AKT/mTOR signaling in prostate cancer: Still a potential druggable target?. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118731.	1.9	51
46	The Agpat4/LPA axis in colorectal cancer cells regulates antitumor responses via p38/p65 signaling in macrophages. Signal Transduction and Targeted Therapy, 2020, 5, 24.	7.1	29
47	PI(3,4)P2 Signaling in Cancer and Metabolism. Frontiers in Oncology, 2020, 10, 360.	1.3	48
48	INPP4B protects from metabolicÂsyndrome and associated disorders. Communications Biology, 2021, 4, 416.	2.0	10
50	INPP4B promotes PI3Kα-dependent late endosome formation and Wnt/ $\hat{l}^2$ -catenin signaling in breast cancer. Nature Communications, 2021, 12, 3140.	5.8	30
51	The INPP4B paradox: Like PTEN, but different. Advances in Biological Regulation, 2021, 82, 100817.	1.4	8
52	A Prognostic Model of M6a-Related Lipid Metabolism-Associated Genes in Pancreatic Adenocarcinoma. SSRN Electronic Journal, 0, , .	0.4	0
53	PI3K/Akt/mTOR/PTEN and ERK/MAPK Pathways. Molecular Pathology Library, 2018, , 367-379.	0.1	2
54	Vps34 regulates myofibril proteostasis to prevent hypertrophic cardiomyopathy. JCI Insight, 2017, 2, e89462.	2.3	19
55	SubID, a non-median dichotomization tool for heterogeneous populations, reveals the pan-cancer significance of INPP4B and its regulation by EVI1 in AML. PLoS ONE, 2018, 13, e0191510.	1.1	9
56	Endosome and INPP4B. Oncotarget, 2016, 7, 5-6.	0.8	18
57	Identification of differential PI3K pathway target dependencies in T-cell acute lymphoblastic leukemia through a large cancer cell panel screen. Oncotarget, 2016, 7, 22128-22139.	0.8	21

#	Article	IF	CITATIONS
58	Investigating the duality of Inpp4b function in the cellular transformation of mouse fibroblasts. Oncotarget, 2019, 10, 6378-6390.	0.8	3
59	Macrophages play a role in inflammatory transformation of colorectal cancer. World Journal of Gastrointestinal Oncology, 2021, 13, 2013-2028.	0.8	6
60	Decreased INPP5B expression predicts poor prognosis in lung adenocarcinoma. Cancer Cell International, 2022, 22, 189.	1.8	2
61	Phospholipid signaling: phosphoinositide kinases and phosphatases. , 2023, , 119-138.		0
62	INPP4B inhibits glioma cell proliferation and immune escape via inhibition of the PI3K/AKT signaling pathway. Frontiers in Oncology, 0, $12$ , .	1.3	6
63	Targeting the PI3K/AKT/mTOR Signaling Pathway in the Treatment of Human Diseases: Current Status, Trends, and Solutions. Journal of Medicinal Chemistry, 2022, 65, 16033-16061.	2.9	28
64	Control of EGFR signaling by endocytosis and endosomal trafficking. , 2023, , 89-104.		0
65	Tumor Suppressor Role of INPP4B in Chemoresistant Retinoblastoma. Journal of Oncology, 2023, 2023, 1-22.	0.6	O