

# Protein Detection by Simple Western<sup>®</sup> Analysis

Methods in Molecular Biology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Immunohistochemical localization of the calcitonin gene-related peptide binding site in the primate trigeminovascular system using functional antagonist antibodies. <i>Neuroscience</i> , 2016, 328, 165-183.	1.1	57
2	Nucleolin-Mediated RNA Localization Regulates Neuron Growth and Cycling Cell Size. <i>Cell Reports</i> , 2016, 16, 1664-1676.	2.9	64
3	p53 Modulates the Fate of Cardiac Progenitor Cells Ex Vivo and in the Diabetic Heart In Vivo. <i>EBioMedicine</i> , 2017, 16, 224-237.	2.7	9
4	GARP2 accelerates retinal degeneration in rod cGMP-gated cation channel $\beta$ -subunit knockout mice. <i>Scientific Reports</i> , 2017, 7, 42545.	1.6	23
5	Assessment of Posttranslational Modifications of ATG proteins. <i>Methods in Enzymology</i> , 2017, 587, 171-188.	0.4	4
6	Protein purification and analysis: next generation Western blotting techniques. <i>Expert Review of Proteomics</i> , 2017, 14, 1037-1053.	1.3	149
7	Gene expression profiling analysis reveals fur development in rex rabbits ( <i>Oryctolagus cuniculus</i> ). <i>Genome</i> , 2017, 60, 1060-1067.	0.9	11
8	Matriptase zymogen supports epithelial development, homeostasis and regeneration. <i>BMC Biology</i> , 2017, 15, 46.	1.7	18
9	Pirfenidone reduces profibrotic responses in human dermal myofibroblasts, in vitro. <i>Laboratory Investigation</i> , 2018, 98, 640-655.	1.7	33
10	A Role for Receptor-Interacting Protein Kinase-1 in Neutrophil Extracellular Trap Formation in Patients with Systemic Lupus Erythematosus: a Preliminary Study. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 2317-2328.	1.1	19
11	Locally translated mTOR controls axonal local translation in nerve injury. <i>Science</i> , 2018, 359, 1416-1421.	6.0	220
12	Hierarchical interactions between Fnr orthologs allows fine-tuning of transcription in response to oxygen in <i>Herbaspirillum seropedicae</i> . <i>Nucleic Acids Research</i> , 2018, 46, 3953-3966.	6.5	5
13	Cathepsin K activity controls cardiotoxin-induced skeletal muscle repair in mice. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 160-175.	2.9	32
14	N-Myc Downstream-Regulated Gene 1 Restricts Hepatitis C Virus Propagation by Regulating Lipid Droplet Biogenesis and Viral Assembly. <i>Journal of Virology</i> , 2018, 92, .	1.5	24
15	MicroRNAs Profiling Identifies miR-125a and Its Target Gene Wnt2 in Skins of Different Haired Rabbits. <i>Frontiers in Genetics</i> , 2018, 9, 628.	1.1	10
16	Effect on the liver cancer cell invasion ability by studying the associations between autophagy and TRAP1 expression. <i>Oncology Letters</i> , 2018, 16, 991-997.	0.8	3
17	Lipidomic Impacts of an Obesogenic Diet Upon Lewis Lung Carcinoma in Mice. <i>Frontiers in Oncology</i> , 2018, 8, 134.	1.3	16
18	Detection of Dystrophin Dp71 in Human Skeletal Muscle Using an Automated Capillary Western Assay System. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1546.	1.8	28

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19	Oxytocin alters cell fate selection of rat neural progenitor cells in vitro. PLoS ONE, 2018, 13, e0191160.	1.1	25
20	Rev-Erb $\alpha$ and Photoreceptor Outer Segments modulate the Circadian Clock in Retinal Pigment Epithelial Cells. Scientific Reports, 2019, 9, 11790.	1.6	14
21	Digitoxin Inhibits Epithelial-to-Mesenchymal-Transition in Hereditary Castration Resistant Prostate Cancer. Frontiers in Oncology, 2019, 9, 630.	1.3	11
22	Morphological Characterization and Gene Expression Patterns for Melanin Pigmentation in Rex Rabbit. Biochemical Genetics, 2019, 57, 734-744.	0.8	11
23	Ticagrelor induces paraoxonase-1 (PON1) and better protects hypercholesterolemic mice against atherosclerosis compared to clopidogrel. PLoS ONE, 2019, 14, e0218934.	1.1	12
24	Temporal patterns of lipolytic regulators in adipose tissue after acute growth hormone exposure in human subjects: A randomized controlled crossover trial. Molecular Metabolism, 2019, 29, 65-75.	3.0	17
25	No evidence of attenuation of placental insulin-stimulated Akt phosphorylation and amino acid transport in maternal obesity and gestational diabetes mellitus. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E1037-E1049.	1.8	15
26	Targeted protein degradation mechanisms. Drug Discovery Today: Technologies, 2019, 31, 53-60.	4.0	35
27	Rapid Detection of Senescent Mesenchymal Stromal Cells by a Fluorescent Probe. Biotechnology Journal, 2019, 14, e1800691.	1.8	13
28	Heat therapy improves glucose tolerance and adipose tissue insulin signaling in polycystic ovary syndrome. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E172-E182.	1.8	34
29	Role of nitric oxide in pancreatic cancer cells exhibiting the invasive phenotype. Redox Biology, 2019, 22, 101158.	3.9	23
30	Methods to Investigate $\beta$ -Arrestin-Mediated Regulation of GPCR Function in Human Airway Smooth Muscle. Methods in Molecular Biology, 2019, 1957, 69-82.	0.4	2
31	miR-218-5p regulates skin and hair follicle development through Wnt/ $\beta$ -catenin signaling pathway by targeting SFRP2. Journal of Cellular Physiology, 2019, 234, 20329-20341.	2.0	57
32	Induction of the BIM Short Splice Variant Sensitizes Proliferating NK Cells to IL-15 Withdrawal. Journal of Immunology, 2019, 202, 736-746.	0.4	8
33	Embryonic morphology observation and HOXC8 gene expression in crest cushions of Chinese Crested duck. Gene, 2019, 688, 98-106.	1.0	7
34	Synaptic biomarker reduction and impaired cognition in the sub-chronic PCP mouse model for schizophrenia. Journal of Psychopharmacology, 2020, 34, 115-124.	2.0	14
35	Pirfenidone attenuates the profibrotic contractile phenotype of differentiated human dermal myofibroblasts. Biochemical and Biophysical Research Communications, 2020, 521, 646-651.	1.0	15
36	Improvement of a recombinant avian avulavirus serotype 10 vectored vaccine by the addition of untranslated regions. Vaccine, 2020, 38, 822-829.	1.7	3

#	ARTICLE	IF	CITATIONS
37	The circadian clock regulates RPE-mediated lactate transport via SLC16A1 (MCT1). <i>Experimental Eye Research</i> , 2020, 190, 107861.	1.2	13
38	Dual Asymmetric Centrifugation Efficiently Produces a Poloxamer-Based Nanoemulsion Gel for Topical Delivery of Pirfenidone. <i>AAPS PharmSciTech</i> , 2020, 21, 265.	1.5	7
39	Molecular Profiling Reveals a Common Metabolic Signature of Tissue Fibrosis. <i>Cell Reports Medicine</i> , 2020, 1, 100056.	3.3	28
40	Aberrant (pro)renin receptor expression induces genomic instability in pancreatic ductal adenocarcinoma through upregulation of SMARCA5/SNF2H. <i>Communications Biology</i> , 2020, 3, 724.	2.0	5
41	A multimodal treatment of carbon ions irradiation, miRNA-34 and mTOR inhibitor specifically control high-grade chondrosarcoma cancer stem cells. <i>Radiotherapy and Oncology</i> , 2020, 150, 253-261.	0.3	15
42	A proof-of-concept analysis of carbohydrate-deficient transferrin by imaged capillary isoelectric focusing and in-capillary immunodetection. <i>BioTechniques</i> , 2020, 68, 85-90.	0.8	7
43	Insulin resistance induced by growth hormone is linked to lipolysis and associated with suppressed pyruvate dehydrogenase activity in skeletal muscle: a 2â€‰%—â€‰%2 factorial, randomised, crossover study in human individuals. <i>Diabetologia</i> , 2020, 63, 2641-2653.	2.9	10
44	Antisense oligonucleotide-mediated correction of CFTR splicing improves chloride secretion in cystic fibrosis patient-derived bronchial epithelial cells. <i>Nucleic Acids Research</i> , 2020, 48, 7454-7467.	6.5	26
45	Characterization of HTATIP2 and its role during hair follicle cycles in Angora rabbit. <i>Genome</i> , 2020, 63, 179-187.	0.9	9
46	Rapid Ultrasensitive Gel-Free Immunoblotting with Magnetic Labels. <i>Analytical Chemistry</i> , 2020, 92, 4146-4153.	3.2	7
47	Monomeric Targeted Protein Degradation. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 11330-11361.	2.9	48
48	TNFÎ± induces mitochondrial fragmentation and biogenesis in human airway smooth muscle. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L137-L151.	1.3	24
49	Resveratrol and exercise combined to treat functional limitations in late life: A pilot randomized controlled trial. <i>Experimental Gerontology</i> , 2021, 143, 111111.	1.2	24
50	Primary neuron and astrocyte cultures from postnatal <i>Callithrix jacchus</i> : a non-human primate in vitro model for research in neuroscience, nervous system aging, and neurological diseases of aging. <i>GeroScience</i> , 2021, 43, 115-124.	2.1	1
51	Characterization and functional analysis of SMAD2 regulation in hair follicle cycle in Angora rabbits. <i>Gene</i> , 2021, 770, 145339.	1.0	1
52	Discovery of a new class of integrin antibodies for fibrosis. <i>Scientific Reports</i> , 2021, 11, 2118.	1.6	14
53	A Brief Introduction to Other Protein-Blotting Methods. <i>Techniques in Life Science and Biomedicine for the Non-expert</i> , 2021, , 433-453.	0.1	0
54	Psoralen induces liver injuries through endoplasmic reticulum stress signaling in female mice. <i>Drug and Chemical Toxicology</i> , 2022, 45, 1818-1824.	1.2	6

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55	Peritoneal Modulators of EZH2-miR-155 Cross-Talk in Endometriosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3492.	1.8	13
56	Dexmedetomidine Protects Human Cardiomyocytes Against Ischemia-Reperfusion Injury Through $\beta_2$ -Adrenergic Receptor/AMPK-Dependent Autophagy. <i>Frontiers in Pharmacology</i> , 2021, 12, 615424.	1.6	9
57	Deubiquitination of MITF-M Regulates Melanocytes Proliferation and Apoptosis. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 692724.	1.6	8
58	GNAI2 Promotes Proliferation and Decreases Apoptosis in Rabbit Melanocytes. <i>Genes</i> , 2021, 12, 1130.	1.0	5
60	SMaSh: A Streptavidin Mass Shift Assay for Rapidly Quantifying Target Occupancy by Irreversible Inhibitors. <i>Biochemistry</i> , 2021, 60, 2915-2924.	1.2	3
61	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 542 1,430	4.3	1,430
62	Use of CRISPR/Cas9-mediated disruption of CNS cell type genes to profile transduction of AAV by neonatal intracerebroventricular delivery in mice. <i>Gene Therapy</i> , 2021, 28, 456-468.	2.3	14
63	Inhibition of mechanistic target of rapamycin signaling decreases levels of O-GlcNAc transferase and increases serotonin release in the human placenta. <i>Clinical Science</i> , 2020, 134, 3123-3136.	1.8	10
64	Restoration of insulin receptor improves diabetic phenotype in T2DM mice. <i>JCI Insight</i> , 2019, 4, .	2.3	16
65	MicroRNAs regulating Meis1 expression and inducing cardiomyocyte proliferation. <i>Cardiovascular Regenerative Medicine</i> , 0, 3, .	1.7	7
66	Flow Cytometry Definition of Rat Mammary Epithelial Cell Populations and Their Distinct Radiation Responses. <i>Radiation Research</i> , 2020, 194, 22.	0.7	5
67	KIT is involved in melanocyte proliferation, apoptosis and melanogenesis in the Rex Rabbit. <i>PeerJ</i> , 2020, 8, e9402.	0.9	10
68	Molecular Profiling Reveals a Common Metabolic Signature of Tissue Fibrosis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
71	Investigating Markers of the NLRP3 Inflammasome Pathway in Alzheimer's Disease: A Human Post-Mortem Study. <i>Genes</i> , 2021, 12, 1753.	1.0	11
72	Preconceptional Lipid-Based Nutrient Supplementation in 2 Low-Resource Countries Results in Distinctly Different IGF-1/mTOR Placental Responses. <i>Journal of Nutrition</i> , 2021, 151, 556-569.	1.3	9
73	Platelet isoform of phosphofructokinase accelerates malignant features in breast cancer. <i>Oncology Reports</i> , 2021, 47, .	1.2	9
75	MicroRNAs regulating meis1 expression and inducing cardiomyocyte proliferation. <i>Cardiovascular Regenerative Medicine</i> , 2016, 3, .	1.7	8
76	MicroRNA-1825 induces proliferation of adult cardiomyocytes and promotes cardiac regeneration post ischemic injury. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 3120-3137.	0.0	26

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77	Open reading frame correction using splice-switching antisense oligonucleotides for the treatment of cystic fibrosis. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	16
78	Emerging mechanisms of targeted protein degradation by molecular glues. Methods in Cell Biology, 2022, , .	0.5	1
80	Emerging ELISA derived technologies for in vitro diagnostics. TrAC - Trends in Analytical Chemistry, 2022, 152, 116605.	5.8	51
92	Somatic Hypermutation and Framework Mutations of Variable Region Contribute to Anti-Zika Virus-Specific Monoclonal Antibody Binding and Function. Journal of Virology, 2022, , e0007122.	1.5	2
93	Protein and mRNA Quantification in Small Samples of Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes in 96-Well Microplates. Methods in Molecular Biology, 2022, , 15-37.	0.4	8
94	Repeated Exposures to UVA1 and PM-Associated Pollutants Trigger Epidermal Barrier Dysfunction in Skin Epithelialization Model. Journal of Investigative Dermatology, 2022, , .	0.3	1
95	DNA Methylation Mediates lncRNA2919 Regulation of Hair Follicle Regeneration. International Journal of Molecular Sciences, 2022, 23, 9481.	1.8	2
96	lncRNA2919 Suppresses Rabbit Dermal Papilla Cell Proliferation via trans-Regulatory Actions. Cells, 2022, 11, 2443.	1.8	4
98	A New Monoclonal Antibody Enables BAR Analysis of Subcellular Importin $\beta$ 1 Interactomes. Molecular and Cellular Proteomics, 2022, 21, 100418.	2.5	1
99	Ketone Body Infusion Abrogates Growth Hormone-Induced Lipolysis and Insulin Resistance. Journal of Clinical Endocrinology and Metabolism, 2023, 108, 653-664.	1.8	9
100	Hydroxychloroquine suppresses anti-GBM nephritis via inhibition of JNK/p38 MAPK signaling. Clinical and Experimental Nephrology, 0, , .	0.7	2
101	Timed use of digoxin prevents heart ischemia-reperfusion injury through a REV-ERB $\beta$ UPS signaling pathway. , 2022, 1, 990-1005.		2
102	Detrimental effects of transient cerebral ischemia on middle cerebral artery mitochondria in female rats. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 323, H1343-H1351.	1.5	2
103	Turmeronols (A and B) from <i>Curcuma longa</i> have anti-inflammatory effects in lipopolysaccharide-stimulated BV-2 microglial cells by reducing NF- $\kappa$ B signaling. Bioscience of Microbiota, Food and Health, 2023, 42, 172-179.	0.8	1
105	Malassezia restricta-mediated Lipoperoxidation: A Novel Trigger in Dandruff. Acta Dermato-Venereologica, 0, 103, adv00868.	0.6	2
106	Dermal Papilla Cell-Derived Exosomes Regulate Hair Follicle Stem Cell Proliferation via LEF1. International Journal of Molecular Sciences, 2023, 24, 3961.	1.8	3
107	Time-Dependent Changes in the Biofluid Levels of Neural Injury Markers in Severe Traumatic Brain Injury Patients' Cerebrospinal Fluid and Cerebral Microdialysates: A Longitudinal Prospective Pilot Study. Neurotrauma Reports, 2023, 4, 107-117.	0.5	4
108	Maternal glucagon-like peptide-1 is positively associated with fetal growth in pregnancies complicated with obesity. Clinical Science, 2023, 137, 663-678.	1.8	1

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