

Mechanism of activation of protein kinase B by insulin a

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Molecular basis for the substrate specificity of protein kinase B; comparison with MAPKAP kinase-1 and p70 S6 kinase. <i>FEBS Letters</i> , 1996, 399, 333-338.	1.3	563
2	Insulin-Sensitive Phospholipid Signaling Systems and Glucose Transport: An Update. <i>Experimental Biology and Medicine</i> , 1996, 213, 1-12.	1.1	37
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4	Physiological Role of Akt in Insulin-Stimulated Translocation of GLUT4 in Transfected Rat Adipose Cells. <i>Molecular Endocrinology</i> , 1997, 11, 1881-1890.	3.7	332
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1866	Muscle-specific GSK-3 β ablation accelerates regeneration of disuse-atrophied skeletal muscle. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 490-506.	1.8	47

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1919	LAR protein tyrosine phosphatase regulates focal adhesions via CDK1. <i>Journal of Cell Science</i> , 2016, 129, 2962-71.	1.2	52
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1936	Essential role of the NO signaling pathway in the hippocampal CA1 in morphine-associated memory depends on glutamergic receptors. <i>Neuropharmacology</i> , 2016, 102, 216-228.	2.0	18
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1958	8-methoxypsoralen reduces AKT phosphorylation, induces intrinsic and extrinsic apoptotic pathways, and suppresses cell growth of SK-N-AS neuroblastoma and SW620 metastatic colon cancer cells. <i>Journal of Ethnopharmacology</i> , 2017, 207, 19-29.	2.0	32
1959	Insulin-like growth factor (IGF)-like peptide and 20-hydroxyecdysone regulate the growth and development of the male genital disk through different mechanisms in the silkworm, <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2017, 87, 35-44.	1.2	15
1960	SC79-loaded ZSM-5/chitosan porous scaffolds with enhanced stem cell osteogenic differentiation and bone regeneration. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5009-5018.	2.9	14
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1974	Activation of the Stress Response Kinase JNK (c-Jun N-terminal Kinase) Attenuates Insulin Action in Retina through a p70S6K1-dependent Mechanism. <i>Journal of Biological Chemistry</i> , 2017, 292, 1591-1602.	1.6	28

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2057	Akt Kinase Activation Mechanisms Revealed Using Protein Semisynthesis. <i>Cell</i> , 2018, 174, 897-907.e14.	13.5	96
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2077	TRIM44 is indispensable for glioma cell proliferation and cell cycle progression through AKT/p21/p27 signaling pathway. <i>Journal of Neuro-Oncology</i> , 2019, 145, 211-222.	1.4	33
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2080	Selective Phosphorylation of Akt/Protein-Kinase B Isoforms in Response to Dietary Cues. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 206.	1.8	7
2081	Inhibition of HSP90 Improves Lipid Disorders by Promoting Mature SREBPs Degradation via the Ubiquitin-proteasome System. <i>Theranostics</i> , 2019, 9, 5769-5783.	4.6	46
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2085	Acute \hat{I}^2 -adrenoceptor mediated glucose clearance in brown adipose tissue; a distinct pathway independent of functional insulin signaling. <i>Molecular Metabolism</i> , 2019, 30, 240-249.	3.0	15
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2097	Targeting Akt by SC66 triggers GSK-3 \hat{I}^2 mediated apoptosis in colon cancer therapy. <i>Cancer Cell International</i> , 2019, 19, 124.	1.8	25
2098	Whole Egg Consumption Impairs Insulin Sensitivity in a Rat Model of Obesity and Type 2 Diabetes. <i>Current Developments in Nutrition</i> , 2019, 3, nzz015.	0.1	2
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2104	Transcriptional regulation of autophagy-lysosomal function in BRAF-driven melanoma progression and chemoresistance. <i>Nature Communications</i> , 2019, 10, 1693.	5.8	119
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2108	Activation of HIF-1 by μ-Opioid Receptors Induces COX-2 Expression in Breast Cancer Cells and Leads to Paracrine Activation of Vascular Endothelial Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 480-489.	1.3	20
2109	Sin1-mediated mTOR signaling in cell growth, metabolism and immune response. <i>National Science Review</i> , 2019, 6, 1149-1162.	4.6	11
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2115	Regulation of Hepatic Follistatin Expression at Rest and during Exercise in Mice. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1116-1125.	0.2	5
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2119	Acute administration of IL-6 improves indices of hepatic glucose and insulin homeostasis in lean and obese mice. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, G166-G178.	1.6	23

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2124	Development of insulin resistance in Nischarin mutant female mice. <i>International Journal of Obesity</i> , 2019, 43, 1046-1057.	1.6	10
2125	Protein Phosphatase 1 Regulatory Subunit SDS22 Inhibits Breast Cancer Cell Tumorigenesis by Functioning as a Negative Regulator of the AKT Signaling Pathway. <i>Neoplasia</i> , 2019, 21, 30-40.	2.3	15
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2127	Characterisation of HRas local signal transduction networks using engineered site-specific exchange factors. <i>Small GTPases</i> , 2020, 11, 371-383.	0.7	9
2128	Novel compounds for the modulation of mTOR and autophagy to treat neurodegenerative diseases. <i>Cellular Signalling</i> , 2020, 65, 109442.	1.7	53
2129	Prenatally androgenized female rats develop uterine hyperplasia when adult. <i>Molecular and Cellular Endocrinology</i> , 2020, 499, 110610.	1.6	11
2130	Cellular and molecular mechanisms of liver regeneration: Proliferation, growth, death and protection of hepatocytes. <i>Seminars in Cell and Developmental Biology</i> , 2020, 100, 62-73.	2.3	45
2131	The NEDD4 E3 ubiquitin ligase: A potential molecular target for bortezomib sensitivity in multiple myeloma. <i>International Journal of Cancer</i> , 2020, 146, 1963-1978.	2.3	24
2132	SHIPping out diabetes—Metformin, an old friend among new SHIP2 inhibitors. <i>Acta Physiologica</i> , 2020, 228, e13349.	1.8	12
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