

Resource Summary Report

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Phospho-GSK-3alpha/beta (Ser21/9) Antibody

RRID:AB_329830

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 9331 (also 9331L, 9331S), RRID:AB_329830)

Antibody Information

URL: http://antibodyregistry.org/AB_329830

Proper Citation: (Cell Signaling Technology Cat# 9331 (also 9331L, 9331S), RRID:AB_329830)

Target Antigen: Phospho-GSK-3alpha/beta (Ser21/9)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 7/2016: AB_2247990.

Antibody Name: Phospho-GSK-3alpha/beta (Ser21/9) Antibody

Description: This polyclonal targets Phospho-GSK-3alpha/beta (Ser21/9)

Target Organism: h, m, r, mk, z, mouse, rat, human

Antibody ID: AB_329830

Vendor: Cell Signaling Technology

Catalog Number: 9331 (also 9331L, 9331S)

Alternative Catalog Numbers: 9331S, 9331L

Ratings and Alerts

No rating or validation information has been found for Phospho-GSK-3alpha/beta (Ser21/9)

Antibody.

No alerts have been found for Phospho-GSK-3alpha/beta (Ser21/9) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 44 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Nguele Meke F, et al. (2024) Inhibition of PRL2 Upregulates PTEN and Attenuates Tumor Growth in Tp53-deficient Sarcoma and Lymphoma Mouse Models. Cancer research communications, 4(1), 5.

Deja S, et al. (2024) Hepatic malonyl-CoA synthesis restrains gluconeogenesis by suppressing fat oxidation, pyruvate carboxylation, and amino acid availability. Cell metabolism.

Moon SH, et al. (2023) Genetic deletion of skeletal muscle iPLA2 γ results in mitochondrial dysfunction, muscle atrophy and alterations in whole-body energy metabolism. iScience, 26(6), 106895.

Chessa TAM, et al. (2023) PLEKHS1 drives PI3Ks and remodels pathway homeostasis in PTEN-null prostate. Molecular cell, 83(16), 2991.

Yung HW, et al. (2023) Perturbation of placental protein glycosylation by endoplasmic reticulum stress promotes maladaptation of maternal hepatic glucose metabolism. iScience, 26(1), 105911.

Villanueva-Carmona T, et al. (2023) SUCNR1 signaling in adipocytes controls energy metabolism by modulating circadian clock and leptin expression. Cell metabolism, 35(4), 601.

Sjøberg KA, et al. (2023) GDF15 increases insulin action in the liver and adipose tissue via a β -adrenergic receptor-mediated mechanism. Cell metabolism, 35(8), 1327.

Helfenberger KE, et al. (2022) Angiotensin II Regulates Mitochondrial mTOR Pathway Activity Dependent on Acyl-CoA Synthetase 4 in Adrenocortical Cells. Endocrinology, 163(12).

Xu Y, et al. (2022) The KRAS-G12D mutation induces metabolic vulnerability in B-cell acute lymphoblastic leukemia. iScience, 25(3), 103881.

Gupta P, et al. (2022) Genetic impairment of succinate metabolism disrupts bioenergetic sensing in adrenal neuroendocrine cancer. *Cell reports*, 40(7), 111218.

Hinze L, et al. (2022) Supramolecular assembly of GSK3 β as a cellular response to amino acid starvation. *Molecular cell*, 82(15), 2858.

Yan G, et al. (2022) BET inhibition induces vulnerability to MCL1 targeting through upregulation of fatty acid synthesis pathway in breast cancer. *Cell reports*, 40(11), 111304.

Lv K, et al. (2021) HectD1 controls hematopoietic stem cell regeneration by coordinating ribosome assembly and protein synthesis. *Cell stem cell*, 28(7), 1275.

Muntean BS, et al. (2021) G α_o is a major determinant of cAMP signaling in the pathophysiology of movement disorders. *Cell reports*, 34(5), 108718.

Akber U, et al. (2021) Cereblon Regulates the Proteotoxicity of Tau by Tuning the Chaperone Activity of DNAJA1. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(24), 5138.

Boulan B, et al. (2021) CRMP4-mediated fornix development involves Semaphorin-3E signaling pathway. *eLife*, 10.

Choi HJ, et al. (2021) SCF-Slimb is critical for Glycogen synthase kinase-3 β -mediated suppression of TAF15-induced neurotoxicity in *Drosophila*. *Journal of neurochemistry*, 157(6), 2119.

Jiang Z, et al. (2021) Isthmin-1 is an adipokine that promotes glucose uptake and improves glucose tolerance and hepatic steatosis. *Cell metabolism*, 33(9), 1836.

Sultana R, et al. (2020) Disc1 Carrier Mice Exhibit Alterations in Neural pIGF-1R β and Related Kinase Expression. *Frontiers in cellular neuroscience*, 14, 94.

Bellier J, et al. (2020) Methylglyoxal Scavengers Resensitize KRAS-Mutated Colorectal Tumors to Cetuximab. *Cell reports*, 30(5), 1400.