Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 26, 2025

GSK-3? (D5C5Z) XP® Rabbit mAb

RRID:AB_2636978
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 12456, RRID:AB_2636978)

Antibody Information

URL: http://antibodyregistry.org/AB_2636978

Proper Citation: (Cell Signaling Technology Cat# 12456, RRID:AB_2636978)

Target Antigen: GSK-3 beta

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC, F

Antibody Name: GSK-3? (D5C5Z) XP® Rabbit mAb

Description: This monoclonal targets GSK-3 beta

Target Organism: human

Clone ID: D5C5Z

Antibody ID: AB_2636978

Vendor: Cell Signaling Technology

Catalog Number: 12456

Record Creation Time: 20231110T034652+0000

Record Last Update: 20240725T050340+0000

Ratings and Alerts

No rating or validation information has been found for GSK-3? (D5C5Z) XP® Rabbit mAb.

No alerts have been found for GSK-3? (D5C5Z) XP® Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 86 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Yu J, et al. (2025) Calcineurin: An essential regulator of sleep revealed by biochemical, chemical biological, and genetic approaches. Cell chemical biology, 32(1), 157.

Uda M, et al. (2024) Effects of hindlimb unloading on the mevalonate and mechanistic target of rapamycin complex 1 signaling pathways in a fast-twitch muscle in rats. Physiological reports, 12(5), e15969.

Zhang R, et al. (2024) Analysis of Tumor-Associated AXIN1 Missense Mutations Identifies Variants That Activate ?-Catenin Signaling. Cancer research, 84(9), 1443.

Bagh MB, et al. (2024) Disruption of lysosomal nutrient sensing scaffold contributes to pathogenesis of a fatal neurodegenerative lysosomal storage disease. The Journal of biological chemistry, 300(2), 105641.

Zhang Y, et al. (2024) Islet-resident macrophage-derived miR-155 promotes ? cell decompensation via targeting PDX1. iScience, 27(4), 109540.

Liu X, et al. (2024) The relevance between abnormally elevated serum ceramide and cognitive impairment in Alzheimer's disease model mice and its mechanism. Psychopharmacology, 241(3), 525.

Neel AI, et al. (2024) Differential regulation of G protein-coupled receptor-associated proteins in the caudate and the putamen of cynomolgus macaques following chronic ethanol drinking. Journal of neurochemistry, 168(9), 2722.

Huang M, et al. (2024) ALK upregulates POSTN and WNT signaling to drive neuroblastoma. Cell reports, 43(3), 113927.

Kopsidas CA, et al. (2024) Sustained generation of neurons destined for neocortex with oxidative metabolic upregulation upon filamin abrogation. iScience, 27(7), 110199.

Sharma R, et al. (2024) Intra-tumoral YAP and TAZ heterogeneity drives collective NSCLC invasion that is targeted by SUMOylation inhibitor TAK-981. iScience, 27(11), 111133.

Fukuda J, et al. (2024) Concurrent targeting of GSK3 and MEK as a therapeutic strategy to treat pancreatic ductal adenocarcinoma. Cancer science.

Jacob JR, et al. (2024) miRNA-194-3p represses NF-?B in gliomas to attenuate iPSC genes and proneural to mesenchymal transition. iScience, 27(1), 108650.

Chehade H, et al. (2024) BRCA Status Dictates Wnt Responsiveness in Epithelial Ovarian Cancer. Cancer research communications, 4(8), 2075.

Zhang P, et al. (2024) IL-22 resolves MASLD via enterocyte STAT3 restoration of diet-perturbed intestinal homeostasis. Cell metabolism, 36(10), 2341.

Song Y, et al. (2024) Astrocyte-derived CHI3L1 signaling impairs neurogenesis and cognition in the demyelinated hippocampus. Cell reports, 43(5), 114226.

Zeng J, et al. (2023) Restoration of lysosomal acidification rescues autophagy and metabolic dysfunction in non-alcoholic fatty liver disease. Nature communications, 14(1), 2573.

Huang J, et al. (2023) Minichromosome maintenance 6 protects against renal fibrogenesis by regulating DUSP6-mediated ERK/GSK-3?/Snail1 signaling. iScience, 26(10), 107940.

Jeon HM, et al. (2023) Tissue factor is a critical regulator of radiation therapy-induced glioblastoma remodeling. Cancer cell, 41(8), 1480.

Gu L, et al. (2023) Fructose-1,6-bisphosphatase is a nonenzymatic safety valve that curtails AKT activation to prevent insulin hyperresponsiveness. Cell metabolism, 35(6), 1009.

Cahuzac KM, et al. (2023) AKT activation because of PTEN loss upregulates xCT via GSK3?/NRF2, leading to inhibition of ferroptosis in PTEN-mutant tumor cells. Cell reports, 42(5), 112536.