Resource Summary Report

Generated by dkNET on Jul 31, 2026

GSK-3alpha/beta (D75D3) XP Rabbit mAb

RRID:AB_10547140
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 5676, RRID:AB_10547140

Antibody Information

URL: http://antibodyregistry.org/AB_10547140

Proper Citation: Cell Signaling Technology Cat# 5676, RRID:AB_10547140

Target Antigen: GSK-3alpha/beta

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP. Consolidation on 9/2016: AB_10859043.

Antibody Name: GSK-3alpha/beta (D75D3) XP Rabbit mAb

Description: This monoclonal targets GSK-3alpha/beta

Target Organism: monkey, rat, hamster, mouse, human

Clone ID: D75D3

Antibody ID: AB_10547140

Vendor: Cell Signaling Technology

Catalog Number: 5676

Alternative Catalog Numbers: 5676P, 5676S

Record Creation Time: 20250819T232557+0000

Record Last Update: 20250820T051938+0000

Ratings and Alerts

No rating or validation information has been found for GSK-3alpha/beta (D75D3) XP Rabbit mAb.

No alerts have been found for GSK-3alpha/beta (D75D3) XP Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 38 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Imiruaye OE, et al. (2025) Spatiotemporal differential regulation of extrasynaptic GluN2B receptor subunits and PSA-NCAM in brain aging and Alzheimer's disease. Frontiers in neuroscience, 19, 1649625.

Daudelin D, et al. (2025) Novel Roles of the GPI-Anchor Cleaving Enzyme, GDE2, in Hippocampal Synaptic Morphology and Function. eNeuro, 12(7).

Khatib TO, et al. (2025) TGF-?1-mediated intercellular signaling fuels cooperative cellular invasion. Cell reports, 44(2), 115315.

Krzystek TJ, et al. (2025) Opposing roles for GSK3? and ERK1-dependent phosphorylation of huntingtin during neuronal dysfunction and cell death in Huntington's disease. Cell death & disease, 16(1), 328.

Kosz?a O, et al. (2025) Biotransformation of Ganoderma lucidum and Hericium erinaceus for ex vivo gut-brain axis modulation and mood-related outcomes in humans: CREB/BDNF signaling and microbiota-driven synergies. Journal of ethnopharmacology, 342, 119393.

Coats JT, et al. (2024) Elraglusib Induces Cytotoxicity via Direct Microtubule Destabilization Independently of GSK3 Inhibition. Cancer research communications, 4(11), 3013.

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.

Huang N, et al. (2023) DHX9-mediated pathway contributes to the malignant phenotype of myelodysplastic syndromes. iScience, 26(6), 106962.

Lin NH, et al. (2023) Neuroprotective Effects of a Multi-Herbal Extract on Axonal and Synaptic Disruption in Vitro and Cognitive Impairment in Vivo. Journal of Alzheimer's

disease reports, 7(1), 51.

Fisker FA, et al. (2023) Insulin Signaling Is Preserved in Skeletal Muscle During Early Diabetic Ketoacidosis. The Journal of clinical endocrinology and metabolism, 109(1), e155.

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

Leibinger M, et al. (2023) Inhibition of microtubule detyrosination by parthenolide facilitates functional CNS axon regeneration. eLife, 12.

Zhu S, et al. (2023) CDK1 bridges NF-?B and ?-catenin signaling in response to H. pylori infection in gastric tumorigenesis. Cell reports, 42(1), 112005.

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

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

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

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

Magno LAV, et al. (2020) Contribution of neuronal calcium sensor 1 (Ncs-1) to anxiolytic-like and social behavior mediated by valproate and Gsk3 inhibition. Scientific reports, 10(1), 4566.

Elibol B, et al. (2020) Thymoquinone administration ameliorates Alzheimer's disease-like phenotype by promoting cell survival in the hippocampus of amyloid beta1-42 infused rat model. Phytomedicine : international journal of phytotherapy and phytopharmacology, 79, 153324.