Resource Summary Report

Generated by RRID on Aug 11, 2026

AMPK (D63G4) Rabbit mAb

RRID:AB_10624867
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 5832, RRID:AB_10624867

Antibody Information

URL: http://antibodyregistry.org/AB_10624867

Proper Citation: Cell Signaling Technology Cat# 5832, RRID:AB_10624867

Target Antigen: AMPK (D63G4)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP

Antibody Name: AMPK (D63G4) Rabbit mAb

Description: This monoclonal targets AMPK (D63G4)

Target Organism: rat, mouse, non-human primate, bovine, human

Clone ID: D63G4

Antibody ID: AB_10624867

Vendor: Cell Signaling Technology

Catalog Number: 5832

Alternative Catalog Numbers: 5832S

Record Creation Time: 20250820T001007+0000

Record Last Update: 20250820T073312+0000

Ratings and Alerts

No rating or validation information has been found for AMPK (D63G4) Rabbit mAb.

No alerts have been found for AMPK (D63G4) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 53 mentions in open access literature.

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

Brenner M, et al. (2026) Metabolic rewiring driven by phosphoglycolate phosphatase deletion inhibits ferroptosis. Science advances, 12(22), eaeb2368.

Preis JR, et al. (2026) Targeting the energy metabolism of melanoma cells: FX-11 acts as a mitochondrial uncoupler. European journal of pharmacology, 1022, 178800.

Hsieh CW, et al. (2026) Graded activation of the CLEAR network through mTORC1 suppression on cargo-harboring lysosomes. Cell reports, 45(4), 117228.

Nishinoiri A, et al. (2026) ?1-acid Glycoprotein mitigates MASLD progression by modulating liver and adipose tissue function. Endocrinology, 167(2).

Kumariya S, et al. (2026) Transcriptional control of PPP2CB by YAP1 and TEAD1 mediates AMPK inhibition and mTORC1 activation in vascular smooth muscle cells. iScience, 29(3), 114996.

Zhou Y, et al. (2025) The nuclear pore complex connects energy sensing to transcriptional plasticity in longevity. bioRxiv : the preprint server for biology.

Thompson AD, et al. (2025) MC16 promotes mitochondrial biogenesis and ameliorates acute and diabetic nephropathy. British journal of pharmacology, 182(9), 1912.

Luo W, et al. (2025) Perfluoropentane-based oxygen-loaded nanodroplets reduce microglial activation through metabolic reprogramming. Neural regeneration research, 20(4), 1178.

Sipos A, et al. (2025) Ursodeoxycholic acid prompts glycolytic dominance, reductive stress and epithelial-to-mesenchymal transition in ovarian cancer cells through NRF2 activation. Cell death discovery, 11(1), 134.

Rubio-Atonal LF, et al. (2025) Glutamate decreases oxidative stress and lipid droplet formation in astrocytes. Journal of cell science, 138(19).

Zhou Y, et al. (2025) The nuclear pore complex connects energy sensing to transcriptional plasticity in longevity. Molecular cell, 85(19), 3605.

Chopra S, et al. (2024) DEP-1 is a brain insulin receptor phosphatase that prevents the simultaneous activation of counteracting metabolic pathways. Cell reports, 43(12), 114984.

Peng P, et al. (2024) Pro-survival signaling regulates lipophagy essential for multiple myeloma resistance to stress-induced death. Cell reports, 43(7), 114445.

Cordova RA, et al. (2024) Coordination between the eIF2 kinase GCN2 and p53 signaling supports purine metabolism and the progression of prostate cancer. Science signaling, 17(864), eadp1375.

Benjaskulluecha S, et al. (2024) O6-methylguanine DNA methyltransferase regulates ?-glucan-induced trained immunity of macrophages via farnesoid X receptor and AMPK. iScience, 27(1), 108733.

Zheng J, et al. (2024) Tumor mitochondrial oxidative phosphorylation stimulated by the nuclear receptor ROR? represents an effective therapeutic opportunity in osteosarcoma. Cell reports. Medicine, 5(5), 101519.

Sun F, et al. (2024) Propofol pretreatment inhibits ferroptosis and alleviates myocardial ischemia-reperfusion injury through the SLC16A13-AMPK-GPX4 pathway. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 179, 117345.

Wang R, et al. (2024) Kaempferol-3-O-sophoroside (PCS-1) contributes to modulation of depressive-like behaviour in C57BL/6J mice by activating AMPK. British journal of pharmacology, 181(8), 1182.

Mao C, et al. (2024) Unraveling ETC complex I function in ferroptosis reveals a potential ferroptosis-inducing therapeutic strategy for LKB1-deficient cancers. Molecular cell, 84(10), 1964.

Pinanga YD, et al. (2023) TM4SF5-mediated abnormal food-intake behavior and apelin expression facilitate non-alcoholic fatty liver disease features. iScience, 26(9), 107625.