Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 2, 2025

Phospho-AMPK (Thr172) (D79.5E) Rabbit mAb

RRID:AB_2169396
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 4188, RRID:AB_2169396)

Antibody Information

URL: http://antibodyregistry.org/AB_2169396

Proper Citation: (Cell Signaling Technology Cat# 4188, RRID:AB_2169396)

Target Antigen: Phospho-AMPK (Thr172) (D79.5E) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W. Consolidation on 7/2016: AB_2169399.

Antibody Name: Phospho-AMPK (Thr172) (D79.5E) Rabbit mAb

Description: This monoclonal targets Phospho-AMPK (Thr172) (D79.5E) Rabbit mAb

Target Organism: rat, h, dm, yeast/fungi, m, sc, mouse, r, drosophila/arthropod, man, human

Antibody ID: AB_2169396

Vendor: Cell Signaling Technology

Catalog Number: 4188

Alternative Catalog Numbers: 4188S, 4188L

Record Creation Time: 20231110T075423+0000

Record Last Update: 20241115T051340+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-AMPK (Thr172) (D79.5E) Rabbit mAb.

No alerts have been found for Phospho-AMPK (Thr172) (D79.5E) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Gonzalez P, et al. (2023) Antimicrobial protein REG3A regulates glucose homeostasis and insulin resistance in obese diabetic mice. Communications biology, 6(1), 269.

Tong WH, et al. (2022) Hyperactivation of mTOR and AKT in a cardiac hypertrophy animal model of Friedreich ataxia. Heliyon, 8(8), e10371.

He D, et al. (2022) Methionine oxidation activates pyruvate kinase M2 to promote pancreatic cancer metastasis. Molecular cell, 82(16), 3045.

Baldelli E, et al. (2022) Analysis of neuroendocrine clones in NSCLCs using an immuno-guided laser-capture microdissection-based approach. Cell reports methods, 2(8), 100271.

Castagneto-Gissey L, et al. (2022) The early reduction of left ventricular mass after sleeve gastrectomy depends on the fall of branched-chain amino acid circulating levels. EBioMedicine, 76, 103864.

Grenier A, et al. (2022) AMPK-PERK axis represses oxidative metabolism and enhances apoptotic priming of mitochondria in acute myeloid leukemia. Cell reports, 38(1), 110197.

Le Pelletier L, et al. (2021) Metformin alleviates stress-induced cellular senescence of aging human adipose stromal cells and the ensuing adipocyte dysfunction. eLife, 10.

Rajakylä EK, et al. (2020) Assembly of Peripheral Actomyosin Bundles in Epithelial Cells Is Dependent on the CaMKK2/AMPK Pathway. Cell reports, 30(12), 4266.

Khoa LTP, et al. (2020) Histone Acetyltransferase MOF Blocks Acquisition of Quiescence in Ground-State ESCs through Activating Fatty Acid Oxidation. Cell stem cell, 27(3), 441.

Barbato C, et al. (2020) Cognitive Decline and Modulation of Alzheimer's Disease-Related Genes After Inhibition of MicroRNA-101 in Mouse Hippocampal Neurons. Molecular

neurobiology, 57(7), 3183.

Liu J, et al. (2020) A Small-Molecule Approach to Restore a Slow-Oxidative Phenotype and Defective CaMKII? Signaling in Limb Girdle Muscular Dystrophy. Cell reports. Medicine, 1(7), 100122.

Osawa T, et al. (2019) Phosphoethanolamine Accumulation Protects Cancer Cells under Glutamine Starvation through Downregulation of PCYT2. Cell reports, 29(1), 89.

Guo Z, et al. (2017) Heme Binding Biguanides Target Cytochrome P450-Dependent Cancer Cell Mitochondria. Cell chemical biology, 24(10), 1259.

Puttabyatappa M, et al. (2017) Developmental Programming: Impact of Gestational Steroid and Metabolic Milieus on Mediators of Insulin Sensitivity in Prenatal Testosterone-Treated Female Sheep. Endocrinology, 158(9), 2783.

Park SJ, et al. (2017) DNA-PK Promotes the Mitochondrial, Metabolic, and Physical Decline that Occurs During Aging. Cell metabolism, 25(5), 1135.

Lesmana R, et al. (2016) Thyroid Hormone Stimulation of Autophagy Is Essential for Mitochondrial Biogenesis and Activity in Skeletal Muscle. Endocrinology, 157(1), 23.

Kottler ML, et al. (2013) Is vitamin D a key factor in muscle health? Endocrinology, 154(11), 3963.