Resource Summary Report

Generated by NIF on Sep 12, 2026

Rabbit Anti-AMPK-alpha, phospho (Thr172) Monoclonal Antibody, Unconjugated, Clone 40H9

RRID:AB_331250
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2535, RRID:AB_331250

Antibody Information

URL: http://antibodyregistry.org/AB_331250

Proper Citation: Cell Signaling Technology Cat# 2535, RRID:AB_331250

Target Antigen: AMPK-alpha, phospho (Thr172)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P. Consolidation: AB_331251, AB_10104711.

Antibody Name: Rabbit Anti-AMPK-alpha, phospho (Thr172) Monoclonal Antibody, Unconjugated, Clone 40H9

Description: This monoclonal targets AMPK-alpha, phospho (Thr172)

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

Clone ID: Clone 40H9

Antibody ID: AB_331250

Vendor: Cell Signaling Technology

Catalog Number: 2535

Alternative Catalog Numbers: 2535P, 2535S, 2535L

Record Creation Time: 20260909T050734+0000

Record Last Update: 20260909T213135+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-AMPK-alpha, phospho (Thr172) Monoclonal Antibody, Unconjugated, Clone 40H9.

No alerts have been found for Rabbit Anti-AMPK-alpha, phospho (Thr172) Monoclonal Antibody, Unconjugated, Clone 40H9.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 484 mentions in open access literature.

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

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.

Lane AR, et al. (2026) Distinct signaling mechanisms and proteome phenotypes are elicited by compartment-specific genetic defects of copper homeostasis. bioRxiv : the preprint server for biology.

Assi M, et al. (2026) Extracellular matrix sensing regulates intratumoral heterogeneity of autophagic flux. Cell, 189(6), 1731.

Ren D, et al. (2026) Gasdermin C reprograms metabolism through the CAMKK2-AMPK axis to promote lung adenocarcinoma progression and radioresistance. Cell reports, 45(6), 117427.

Trinks N, et al. (2026) Blood-flow restriction resistance training improves skeletal muscle mitochondrial capacity and cardiovascular risk factors in type 2 diabetes. Cell metabolism, 38(4), 812.

Woo SM, et al. (2026) Inhibiting Fatty Acid Oxidation Reverses Autophagy-Mediated Acquired Chemotherapy Resistance in Pancreatic Ductal Adenocarcinoma. Cancer research, 86(13), 3194.

Tian X, et al. (2026) Psychological stress drives aging-like hematopoietic stem cell dysfunction through a brain-gut-bone marrow axis. Cell stem cell, 33(7), 1205.

Sharma AK, et al. (2026) DGAT-driven futile lipid cycling has a pronounced, yet concealed, thermogenic function. Cell metabolism.

Long J, et al. (2026) Functional characterization of a human epilepsy-associated gene network reveals metabolic regulation as a critical factor underlying seizure susceptibilities. Disease models & mechanisms, 19(1).

Zink A, et al. (2026) Pluripotent stem-cell-based screening uncovers sildenafil as a mitochondrial disease therapy. Cell, 189(6), 1656.

Wessendorf-Rodriguez K, et al. (2026) Modeling lipid homeostasis using stable isotope tracing and flux analysis. Cell metabolism, 38(3), 460.

Wang Z, et al. (2026) Pre-adaptation of stem cell-derived islet organoids to hypoxia via zinc transportation inhibition drives angiogenesis. Cell stem cell, 33(4), 676.

Fukui M, et al. (2026) Activation of neurogenesis improves amyloid-? pathology and cognitive function through AMP kinase signaling in Alzheimer's disease model mice. Cell reports, 45(4), 117250.

Guo J, et al. (2026) The cytotoxic effect of prexasertib is a consequence of dual inhibition on both CHK1 and AMPK. Cell chemical biology, 33(6), 767.

Oh S, et al. (2026) A role for CASM in the repair of damaged Golgi architecture. Autophagy, 1.

Alway SE, et al. (2026) Restoration of neuromuscular function by mitochondrial transplantation in injured mouse skeletal muscle. The Journal of physiology.

Nakano H, et al. (2026) Maternal hyperglycemia disrupts cardiomyocyte maturation via aberrant nucleotide metabolism and suppression of AMPK signaling. Cell reports, 45(5), 117321.

Filfilan WM, et al. (2026) Supra-additive neuroprotective effects of berberine-metformin combination in diabetic encephalopathy: Chou-Talalay synergy quantification, AMPK-Nrf2 axis modulation, and pharmacokinetic verification. Metabolic brain disease, 41(1).

de la Calle Arregui C, et al. (2026) Loss of heterozygosity exposes germline mutations in complex I and drives Warburg metabolism in oncocytic carcinoma of the thyroid. Science advances, 12(27), eaee5417.

Mao Y, et al. (2026) AMPK?2 signals amino acid insufficiency to inhibit protein synthesis. Cell metabolism, 38(1), 192.