

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

Anti-AMPK-alpha Antibody, Unconjugated

RRID:AB_330331

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2532, RRID:AB_330331

Antibody Information

URL: http://antibodyregistry.org/AB_330331

Proper Citation: Cell Signaling Technology Cat# 2532, RRID:AB_330331

Target Antigen: AMPK-alpha

Clonality: polyclonal

Comments: Applications: W, IP
Consolidation on 9/2016: AB_10694064, AB_823423.

Antibody Name: Anti-AMPK-alpha Antibody, Unconjugated

Description: This polyclonal targets AMPK-alpha

Target Organism: rat, mouse, human

Antibody ID: AB_330331

Vendor: Cell Signaling Technology

Catalog Number: 2532

Alternative Catalog Numbers: 2532S, 2532L

Record Creation Time: 20250820T033551+0000

Record Last Update: 20250820T164032+0000

Ratings and Alerts

No rating or validation information has been found for Anti-AMPK-alpha Antibody, Unconjugated.

No alerts have been found for Anti-AMPK-alpha Antibody, Unconjugated.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 310 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Qiu F, et al. (2026) Maternal exercise improves vascular function in hypertensive offspring via A-kinase anchoring protein 150 gene (Akap5) epigenetic modifications. British journal of pharmacology, 183(10), 2592.

Prifti KK, et al. (2026) Energy substrate preference and metabolic flexibility in quiescent and oxytocin-stimulated human myometrial cells. iScience, 29(6), 116248.

Guo L, et al. (2026) Patient-derived kidney organoids recapitulate ADPKD and facilitate the identification of Rho pathway inhibitors as candidate therapeutics. Cell reports. Medicine, 7(4), 102720.

Ancu O, et al. (2026) High protein ingestion does not affect whole-body insulin sensitivity in individuals with overweight or obesity. Journal of the Endocrine Society, 10(6), bvag013.

Trushin S, et al. (2026) Discovery and Preclinical Validation of a Clinically Optimized Mitochondrial Complex I Modulator for Alzheimer's Disease. bioRxiv : the preprint server for biology.

Wang Y, et al. (2026) Chitosan alleviates symptoms of Parkinson's disease by reducing acetate levels, which decreases inflammation and promotes repair of the intestinal barrier and blood-brain barrier. Neural regeneration research, 21(1), 377.

Lefrançois G, et al. (2026) The role of ATP synthase subunit e (ATP5I) in mediating the metabolic and antiproliferative effects of metformin in cancer cells. eLife, 13.

Nishinaka T, et al. (2026) IL-4/IL-13 signaling suppresses ABT-263-induced apoptosis in senescent human fibroblasts. International immunopharmacology, 184, 116939.

Mi S, et al. (2026) Metabolic orchestration of NOD1 signaling by AMPK-mediated phosphorylation of ZDHHC5. iScience, 29(4), 115245.

Chen YL, et al. (2026) Endometrial stromal cell-derived TMAO sustains decidualization to prevent recurrent spontaneous abortion. Cell metabolism.

Prifti KK, et al. (2026) Metabolic Flexibility and Energy Substrate Utilization Regulate Contractility in the Human Myometrium. bioRxiv : the preprint server for biology.

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.

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.

Lara Castillo NA, et al. (2026) Exercise beneficially reshapes fasted rat skeletal muscle involving the combined action of β -hydroxybutyrate and palmitoleic acid. *American journal of physiology. Cell physiology*, 330(4), C1006.

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

Mi W, et al. (2026) LKB1 inactivation elicits an NNMT-mediated methyl sink and confers dependence on PRMT5 in lung cancer. *Cell reports*, 45(6), 117487.

Guo Q, et al. (2026) Human GBP4 promotes TRIM21-BIP-dependent autophagy to restrict *M. tuberculosis* infection by preventing SORT1-mediated progranulin degradation. *Cell reports*, 45(8), 117739.

Ghoshal K, et al. (2026) Integrin-linked kinase promotes hepatic fat accumulation via F-actin stabilization-dependent CD36 plasma membrane localization. *iScience*, 29(8), 116610.

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