

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 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 [dkNET](#) .

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.

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*.

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.

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.

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.