

Resource Summary Report

Generated by [dkNET](#) on Aug 4, 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 282 mentions in open access literature.

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

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.

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

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

Briski KP, et al. (2025) Astrocyte glucose-6-phosphatase-Beta regulates ventromedial hypothalamic nucleus glucose counterregulatory neurotransmission and systemic hormone profiles. *Neuropeptides*, 111, 102519.

Garcia GL, et al. (2025) Aged and BRCA-Mutated Stromal Cells Drive Epithelial Cell Transformation. *Cancer discovery*, 15(6), 1203.

Kuo CY, et al. (2025) The protective effects of liraglutide in reducing lipid droplets accumulation and myocardial fibrosis in diabetic cardiomyopathy. *Cellular and molecular life sciences : CMLS*, 82(1), 39.

Liu C, et al. (2025) Akkermansia muciniphila ameliorates fatty liver through microbiota-derived β -ketoisovaleric acid metabolism and hepatic PI3K/Akt signaling. *iScience*, 28(5), 112458.

Iwamoto Y, et al. (2025) Lactoferrin attenuates renal fibrosis and uremic sarcopenia in a mouse model of adenine-induced chronic kidney disease. *The Journal of nutritional biochemistry*, 146, 110039.

de Jong JCBC, et al. (2025) Anabolic Effects of Salbutamol Are Lost Upon Immobilization. *Journal of cachexia, sarcopenia and muscle*, 16(6), e70114.

Li WF, et al. (2025) O304 is a mitochondrial uncoupler which extends *C. elegans* lifespan and induces vasorelaxation of rat mesenteric arteries. *Chemico-biological interactions*, 421, 111788.

Cáliz-Molina MÁ, et al. (2025) Enhanced non-enzymatic H₂S generation extends lifespan and healthspan in male mice. *Cell metabolism*.

Li Y, et al. (2025) Lactylation of mTOR enhances autophagy in skeletal muscle during exercise. *Cell chemical biology*, 32(11), 1367.

Rossi M, et al. (2025) Dietary nitrate supplementation mitigates age-related changes at the neuromuscular junction in mice. *The Journal of physiology*.

Zhang WG, et al. (2025) Tomatidine Ameliorates Diabetes-Induced Cognitive Impairment and Tau Hyperphosphorylation Through the AMPK-TFEB Pathway. *Journal of neurochemistry*, 169(5), e70087.

Zu Y, et al. (2025) The NAMPT enzyme employs a switch that directly senses AMP/ATP and regulates cellular responses to energy stress. *Molecular cell*, 85(12), 2271.

Keawsomnuk P, et al. (2025) Effect of 8-Methyl Nonanoic Acid, a Degradation By-Product of Dihydrocapsaicin, on Energy and Glucose Homeostasis in Diet-Induced Obese Mice. *Journal of experimental pharmacology*, 17, 555.

Cheng C, et al. (2025) Dual roles of TRPV2 in the innate immune response to cytosolic DNA: Arresting dormant and boosting activated STING. *Cell reports*, 45(1), 116745.

Karimzadeh K, et al. (2025) Regulation of feeding and metabolism by fat mass and obesity-associated protein in zebrafish. *Scientific reports*, 15(1), 40979.

Kawahara N, et al. (2025) Inhibition of glycolysis and stimulation of mitochondrial biogenesis lead to increased ROS levels and cell death in HNF-1 β positive clear cell carcinoma. *Cell death & disease*, 16(1), 879.

Ramakrishnan G, et al. (2025) Deletion of AMP-activated protein kinase impairs metastasis and is rescued by ROS scavenging or ectopic CD36 expression. *Cell reports*, 44(1), 115183.