

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

Mouse Anti-AMPK-alpha Monoclonal Antibody, Unconjugated, Clone F6

RRID:AB_915794

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2793, RRID:AB_915794

Antibody Information

URL: http://antibodyregistry.org/AB_915794

Proper Citation: Cell Signaling Technology Cat# 2793, RRID:AB_915794

Target Antigen: AMPK-alpha

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W

Antibody Name: Mouse Anti-AMPK-alpha Monoclonal Antibody, Unconjugated, Clone F6

Description: This monoclonal targets AMPK-alpha

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

Clone ID: Clone F6

Antibody ID: AB_915794

Vendor: Cell Signaling Technology

Catalog Number: 2793

Alternative Catalog Numbers: 2793S

Record Creation Time: 20250820T002352+0000

Record Last Update: 20250820T081001+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-AMPK-alpha Monoclonal Antibody, Unconjugated, Clone F6.

No alerts have been found for Mouse Anti-AMPK-alpha Monoclonal Antibody, Unconjugated, Clone F6.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Pálešová N, et al. (2025) Downregulation of microRNA-494 drives mitochondrial biogenesis and function in trained muscle. *Experimental physiology*.

Park JH, et al. (2025) Biguanides antithetically regulate tumor properties by the dose-dependent mitochondrial reprogramming-driven c-Src pathway. *Cell reports. Medicine*, 6(2), 101941.

Kjærgaard J, et al. (2025) Personalized molecular signatures of insulin resistance and type 2 diabetes. *Cell*, 188(15), 4106.

Longo M, et al. (2024) Opposing roles for AMPK in regulating distinct mitophagy pathways. *Molecular cell*, 84(22), 4350.

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

Chae SA, et al. (2023) Exercise improves homeostasis of the intestinal epithelium by activation of apelin receptor-AMP-activated protein kinase signalling. *The Journal of physiology*.

Rauckhorst AJ, et al. (2022) Mouse tissue harvest-induced hypoxia rapidly alters the in vivo metabolome, between-genotype metabolite level differences, and 13C-tracing enrichments. *Molecular metabolism*, 66, 101596.

Son JS, et al. (2022) Maternal exercise intergenerationally drives muscle-based thermogenesis via activation of apelin-AMPK signaling. *EBioMedicine*, 76, 103842.

Angelini A, et al. (2022) Sex-specific phenotypes in the aging mouse heart and consequences for chronic fibrosis. *American journal of physiology. Heart and circulatory physiology*, 323(2), H285.

Sugiura A, et al. (2022) MTHFD2 is a metabolic checkpoint controlling effector and regulatory T cell fate and function. *Immunity*, 55(1), 65.

Kepchia D, et al. (2022) The Alzheimer's disease drug candidate J147 decreases blood plasma fatty acid levels via modulation of AMPK/ACC1 signaling in the liver. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 147, 112648.

Morrison KR, et al. (2022) An AMPK γ 2-specific phospho-switch controls lysosomal targeting for activation. *Cell reports*, 38(7), 110365.

Hulse JL, et al. (2022) Mineralocorticoid Receptors Mediate Diet-Induced Lipid Infiltration of Skeletal Muscle and Insulin Resistance. *Endocrinology*, 163(11).

Rozance PJ, et al. (2021) Anemic hypoxemia reduces myoblast proliferation and muscle growth in late-gestation fetal sheep. *American journal of physiology. Regulatory, integrative and comparative physiology*, 321(3), R352.

Jones AK, et al. (2021) Uteroplacental nutrient flux and evidence for metabolic reprogramming during sustained hypoxemia. *Physiological reports*, 9(18), e15033.

Mygland L, et al. (2021) Identification of response signatures for tankyrase inhibitor treatment in tumor cell lines. *iScience*, 24(7), 102807.

Bharath LP, et al. (2020) Metformin Enhances Autophagy and Normalizes Mitochondrial Function to Alleviate Aging-Associated Inflammation. *Cell metabolism*, 32(1), 44.

Son JS, et al. (2020) Maternal Inactivity Programs Skeletal Muscle Dysfunction in Offspring Mice by Attenuating Apelin Signaling and Mitochondrial Biogenesis. *Cell reports*, 33(9), 108461.

Zhang H, et al. (2019) Polyamines Control eIF5A Hypusination, TFEB Translation, and Autophagy to Reverse B Cell Senescence. *Molecular cell*, 76(1), 110.

Sharma A, et al. (2019) Impaired skeletal muscle mitochondrial pyruvate uptake rewires glucose metabolism to drive whole-body leanness. *eLife*, 8.