

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 24, 2025

Anti-AMPK alpha1

RRID:AB_310542

Type: Antibody

Proper Citation

(Millipore Cat# 07-350, RRID:AB_310542)

Antibody Information

URL: http://antibodyregistry.org/AB_310542

Proper Citation: (Millipore Cat# 07-350, RRID:AB_310542)

Target Antigen: AMP-Activated Protein Kinase (AMPK) alpha 1

Host Organism: rabbit

Clonality: polyclonal

Comments: seller recommendations: Western Blot; Western Blotting

Antibody Name: Anti-AMPK alpha1

Description: This polyclonal targets AMP-Activated Protein Kinase (AMPK) alpha 1

Target Organism: rat, mouse, human

Antibody ID: AB_310542

Vendor: Millipore

Catalog Number: 07-350

Record Creation Time: 20231110T044942+0000

Record Last Update: 20241115T042423+0000

Ratings and Alerts

No rating or validation information has been found for Anti-AMPK alpha1.

No alerts have been found for Anti-AMPK alpha1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Freire-Agulleiro Ó, et al. (2025) SF1-specific deletion of the energy sensor AMPK α 2 induces obesity. *Molecular metabolism*, 92, 102091.

Neopane K, et al. (2022) Blocking AMPK α 1 myristoylation enhances AMPK activity and protects mice from high-fat diet-induced obesity and hepatic steatosis. *Cell reports*, 41(12), 111862.

Kusuyama J, et al. (2021) Placental superoxide dismutase 3 mediates benefits of maternal exercise on offspring health. *Cell metabolism*, 33(5), 939.

Wang X, et al. (2019) α -Ketoglutarate-Activated NF- κ B Signaling Promotes Compensatory Glucose Uptake and Brain Tumor Development. *Molecular cell*, 76(1), 148.

Eichner LJ, et al. (2019) Genetic Analysis Reveals AMPK Is Required to Support Tumor Growth in Murine Kras-Dependent Lung Cancer Models. *Cell metabolism*, 29(2), 285.

Khan M, et al. (2018) Combined treatment with GSNO and CAPE accelerates functional recovery via additive antioxidant activities in a mouse model of TBI. *Journal of neuroscience research*, 96(12), 1900.

Gachkar S, et al. (2017) 3-Iodothyronamine Induces Tail Vasodilation Through Central Action in Male Mice. *Endocrinology*, 158(6), 1977.

Martínez-Sánchez N, et al. (2017) Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. *Cell metabolism*, 26(1), 212.

Xi G, et al. (2016) IGF-I and IGFBP-2 Stimulate AMPK Activation and Autophagy, Which Are Required for Osteoblast Differentiation. *Endocrinology*, 157(1), 268.

Martínez de Morentin PB, et al. (2015) Pregnancy induces resistance to the anorectic effect of hypothalamic malonyl-CoA and the thermogenic effect of hypothalamic AMPK inhibition in female rats. *Endocrinology*, 156(3), 947.

Seoane-Collazo P, et al. (2014) Nicotine improves obesity and hepatic steatosis and ER stress in diet-induced obese male rats. *Endocrinology*, 155(5), 1679.

Porteiro B, et al. (2013) Ghrelin requires p53 to stimulate lipid storage in fat and liver. *Endocrinology*, 154(10), 3671.