Resource Summary Report

Generated by RRID on Aug 3, 2026

ATP-Citrate Lyase Antibody

RRID:AB_2223744
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4332, RRID:AB_2223744

Antibody Information

URL: http://antibodyregistry.org/AB_2223744

Proper Citation: Cell Signaling Technology Cat# 4332, RRID:AB_2223744

Target Antigen: ATP-Citrate Lyase

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 10/2018: AB_10695144, AB_2223744. Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: ATP-Citrate Lyase Antibody

Description: This polyclonal targets ATP-Citrate Lyase

Target Organism: rat, h, m, mouse, r, human, mk

Antibody ID: AB_2223744

Vendor: Cell Signaling Technology

Catalog Number: 4332

Record Creation Time: 20250820T015427+0000

Record Last Update: 20250820T121043+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for ATP-Citrate Lyase Antibody.

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 .

Andres-Hernando A, et al. (2025) Identification of a common ketohexokinase-dependent link driving alcohol intake and alcohol-associated liver disease in mice. Nature metabolism, 7(11), 2250.

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

Wagner L, et al. (2025) The Impact of Neuregulin 4 on Metabolic Dysregulation in Lipodystrophy. Endocrinology, 166(9).

de Souza RA, et al. (2025) The exit of naive pluripotency contains a metabolism-induced checkpoint for telomere homeostasis. Cell reports, 44(12), 116654.

An J, et al. (2025) Integration of metabolomic and transcriptomic analyses reveals regulatory functions of the ChREBP transcription factor in energy metabolism. Cell reports, 44(2), 115278.

Daum AK, et al. (2025) Cancer-associated fibroblasts promote drug resistance in ALK-driven lung adenocarcinoma cells by upregulating lipid biosynthesis. Cancer & metabolism, 13(1), 28.

Fadhul T, et al. (2024) The propensity of fructose to induce metabolic dysfunction is dependent on the baseline diet, length of the dietary exposure, and sex of the mice. bioRxiv : the preprint server for biology.

Liu S, et al. (2024) ATP-dependent citrate lyase Drives Left Ventricular Dysfunction by Metabolic Remodeling of the Heart. bioRxiv : the preprint server for biology.

Gu L, et al. (2023) Fructose-1,6-bisphosphatase is a nonenzymatic safety valve that curtails AKT activation to prevent insulin hyperresponsiveness. Cell metabolism, 35(6),

1009.

Cho S, et al. (2023) FAM120A couples SREBP-dependent transcription and splicing of lipogenesis enzymes downstream of mTORC1. Molecular cell, 83(16), 3010.

Yiew NKH, et al. (2023) Effects of hepatic mitochondrial pyruvate carrier deficiency on de novo lipogenesis and gluconeogenesis in mice. iScience, 26(11), 108196.

Moon SH, et al. (2023) Genetic deletion of skeletal muscle iPLA2? results in mitochondrial dysfunction, muscle atrophy and alterations in whole-body energy metabolism. iScience, 26(6), 106895.

Morrow MR, et al. (2022) Inhibition of ATP-citrate lyase improves NASH, liver fibrosis, and dyslipidemia. Cell metabolism, 34(6), 919.

Pillai S, et al. (2022) Lipogenesis mediated by OGR1 regulates metabolic adaptation to acid stress in cancer cells via autophagy. Cell reports, 39(6), 110796.

Tan W, et al. (2021) Posttranscriptional regulation of de novo lipogenesis by glucose-induced O-GlcNAcylation. Molecular cell, 81(9), 1890.

Xu F, et al. (2021) Lysophosphatidic acid shifts metabolic and transcriptional landscapes to induce a distinct cellular state in human pluripotent stem cells. Cell reports, 37(9), 110063.

Jung SM, et al. (2021) In vivo isotope tracing reveals the versatility of glucose as a brown adipose tissue substrate. Cell reports, 36(4), 109459.

Bai X, et al. (2021) Diurnal regulation of oxidative phosphorylation restricts hepatocyte proliferation and inflammation. Cell reports, 36(10), 109659.

Thomas SP, et al. (2021) Short-chain fatty acids activate acetyltransferase p300. eLife, 10.

Hsiao WY, et al. (2020) The Lipid Handling Capacity of Subcutaneous Fat Is Programmed by mTORC2 during Development. Cell reports, 33(1), 108223.