Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 27, 2025

Acetyl-CoA Carboxylase (C83B10) Rabbit mAb

RRID:AB_2219397
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 3676, RRID:AB_2219397)

Antibody Information

URL: http://antibodyregistry.org/AB_2219397

Proper Citation: (Cell Signaling Technology Cat# 3676, RRID:AB_2219397)

Target Antigen: Acetyl-CoA Carboxylase

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC, F. Consolidation on 11/2018: AB_10694239, AB_10829354, AB_2219397.

Antibody Name: Acetyl-CoA Carboxylase (C83B10) Rabbit mAb

Description: This recombinant monoclonal targets Acetyl-CoA Carboxylase

Target Organism: rat, hm, hamster, h, m, mouse, r, human

Clone ID: C83B10

Antibody ID: AB_2219397

Vendor: Cell Signaling Technology

Catalog Number: 3676

Record Creation Time: 20241016T223950+0000

Record Last Update: 20241016T231808+0000

Ratings and Alerts

No rating or validation information has been found for Acetyl-CoA Carboxylase (C83B10) Rabbit mAb.

No alerts have been found for Acetyl-CoA Carboxylase (C83B10) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 95 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Benzarti M, et al. (2024) PKM2 diverts glycolytic flux in dependence on mitochondrial one-carbon cycle. Cell reports, 43(3), 113868.

Tai T, et al. (2024) Clopidogrel ameliorates high-fat diet-induced hepatic steatosis in mice through activation of the AMPK signaling pathway and beyond. Frontiers in pharmacology, 15, 1496639.

Hunt EG, et al. (2024) Acetyl-CoA carboxylase obstructs CD8+ T cell lipid utilization in the tumor microenvironment. Cell metabolism.

Tamura Y, et al. (2024) Monocarboxylate transporter 4 deficiency enhances high-intensity interval training-induced metabolic adaptations in skeletal muscle. The Journal of physiology, 602(7), 1313.

Zhu W, et al. (2024) Activation of hepatic adenosine A1 receptor ameliorates MASH via inhibiting SREBPs maturation. Cell reports. Medicine, 5(3), 101477.

Xu W, et al. (2024) Ceramide synthesis inhibitors prevent lipid-induced insulin resistance through the DAG-PKC?-insulin receptorT1150 phosphorylation pathway. Cell reports, 43(10), 114746.

Ravel-Chapuis A, et al. (2024) The AMPK allosteric activator MK-8722 improves the histology and spliceopathy in myotonic dystrophy type 1 (DM1) skeletal muscle. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 38(23), e70199.

Deja S, et al. (2024) Hepatic malonyl-CoA synthesis restrains gluconeogenesis by suppressing fat oxidation, pyruvate carboxylation, and amino acid availability. Cell metabolism.

Mendez Garcia MF, et al. (2023) Increased cardiac PFK-2 protects against high-fat diet-induced cardiomyopathy and mediates beneficial systemic metabolic effects. iScience, 26(7), 107131.

Cortez NE, et al. (2023) Hepatic safety profile of pancreatic cancer?bearing mice fed a ketogenic diet in combination with gemcitabine. Oncology letters, 26(5), 479.

Geng F, et al. (2023) SREBP-1 upregulates lipophagy to maintain cholesterol homeostasis in brain tumor cells. Cell reports, 42(7), 112790.

Monnerie H, et al. (2023) Inhibition of lipid synthesis by the HIV integrase strand transfer inhibitor elvitegravir in primary rat oligodendrocyte cultures. Frontiers in molecular neuroscience, 16, 1323431.

Koppel SJ, et al. (2023) ?-Hydroxybutyrate preferentially enhances neuron over astrocyte respiration while signaling cellular quiescence. Mitochondrion, 68, 125.

Miti? R, et al. (2023) A simplified and defined serum-free medium for cultivating fat across species. iScience, 26(1), 105822.

Yuan P, et al. (2023) Loss of AMPK?2 promotes melanoma tumor growth and brain metastasis. iScience, 26(6), 106791.

Zhang R, et al. (2023) Histone malonylation is regulated by SIRT5 and KAT2A. iScience, 26(3), 106193.

Ouyang Q, et al. (2023) Rab8a as a mitochondrial receptor for lipid droplets in skeletal muscle. Developmental cell, 58(4), 289.

Kim SP, et al. (2023) Peroxisome proliferator activated receptor-? in osteoblasts controls bone formation and fat mass by regulating sclerostin expression. iScience, 26(7), 106999.

Liao KM, et al. (2023) Senomorphic effect of diphenyleneiodonium through AMPK/MFF/DRP1 mediated mitochondrial fission. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 162, 114616.

Kanagaki S, et al. (2023) Activation of AMP-activated protein kinase (AMPK) through inhibiting interaction with prohibitins. iScience, 26(4), 106293.