

Resource Summary Report

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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 (C83B10) Rabbit mAb

Host Organism: rabbit

Clonality: 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 monoclonal targets Acetyl-CoA Carboxylase (C83B10) Rabbit mAb

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

Antibody ID: AB_2219397

Vendor: Cell Signaling Technology

Catalog Number: 3676

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 89 mentions in open access literature.

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

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

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

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

Koppel SJ, et al. (2023) γ -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 β 2 promotes melanoma tumor growth and brain metastasis. iScience, 26(6), 106791.

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.

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

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.

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.

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.

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

Ding M, et al. (2022) Tumor Microenvironment Acidity Triggers Lipid Accumulation in Liver Cancer via SCD1 Activation. *Molecular cancer research : MCR*, 20(5), 810.

Zhang Q, et al. (2022) AMPK directly phosphorylates TBK1 to integrate glucose sensing into innate immunity. *Molecular cell*, 82(23), 4519.

Han JH, et al. (2022) Snail acetylation by autophagy-derived acetyl-coenzyme A promotes invasion and metastasis of KRAS-LKB1 co-mutated lung cancer cells. *Cancer communications (London, England)*, 42(8), 716.

Xu B, et al. (2022) Identification of metabolic pathways underlying FGF1 and CHIR99021-mediated cardioprotection. *iScience*, 25(6), 104447.

Blazev R, et al. (2022) Phosphoproteomics of three exercise modalities identifies canonical signaling and C18ORF25 as an AMPK substrate regulating skeletal muscle function. *Cell metabolism*, 34(10), 1561.