Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 13, 2025

4E-BP1 (53H11) Rabbit mAb

RRID:AB_2097841
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 9644, RRID:AB_2097841)

Antibody Information

URL: http://antibodyregistry.org/AB_2097841

Proper Citation: (Cell Signaling Technology Cat# 9644, RRID:AB_2097841)

Target Antigen: 4E-BP1 (53H11) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC, F. Consolidation: AB_10691384, AB_10830220.

Antibody Name: 4E-BP1 (53H11) Rabbit mAb

Description: This monoclonal targets 4E-BP1 (53H11) Rabbit mAb

Target Organism: rat, h, m, mouse, r, non-human primate, human, mk

Antibody ID: AB_2097841

Vendor: Cell Signaling Technology

Catalog Number: 9644

Alternative Catalog Numbers: 9644S, 9644P

Record Creation Time: 20231110T070236+0000

Record Last Update: 20241115T081931+0000

Ratings and Alerts

No rating or validation information has been found for 4E-BP1 (53H11) Rabbit mAb.

No alerts have been found for 4E-BP1 (53H11) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 175 mentions in open access literature.

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

Lee S, et al. (2024) Everolimus exerts anticancer effects through inhibiting the interaction of matrix metalloproteinase-7 with syndecan-2 in colon cancer cells. American journal of physiology. Cell physiology, 326(4), C1067.

Haight JA, et al. (2024) Auranofin and reactive oxygen species inhibit protein synthesis and regulate the level of the PLK1 protein in Ewing sarcoma cells. Frontiers in oncology, 14, 1394653.

Haight JA, et al. (2024) Auranofin and reactive oxygen species inhibit protein synthesis and regulate the level of the PLK1 protein in Ewing sarcoma cells. bioRxiv : the preprint server for biology.

Jiang Z, et al. (2024) CREB3L4 promotes hepatocellular carcinoma progression and decreases sorafenib chemosensitivity by promoting RHEB-mTORC1 signaling pathway. iScience, 27(2), 108843.

Lino M, et al. (2024) Multi-step regulation of microRNA expression and secretion into small extracellular vesicles by insulin. Cell reports, 43(7), 114491.

Ryan PJ, et al. (2024) The autophagy inhibitor NSC185058 suppresses mTORC1-mediated protein anabolism in cultured skeletal muscle. Scientific reports, 14(1), 8094.

Gallage S, et al. (2024) A 5:2 intermittent fasting regimen ameliorates NASH and fibrosis and blunts HCC development via hepatic PPAR? and PCK1. Cell metabolism, 36(6), 1371.

Uda M, et al. (2024) Effects of hindlimb unloading on the mevalonate and mechanistic target of rapamycin complex 1 signaling pathways in a fast-twitch muscle in rats. Physiological reports, 12(5), e15969.

Kim H, et al. (2024) MTOR modulation induces selective perturbations in histone methylation which influence the anti-proliferative effects of mTOR inhibitors. iScience, 27(3), 109188.

Korovina I, et al. (2024) ?1 integrin mediates unresponsiveness to PI3K? inhibition for radiochemosensitization of 3D HNSCC models. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 171, 116217.

Vanhoutte D, et al. (2024) Thbs1 regulates skeletal muscle mass in a TGF?-Smad2/3-ATF4-dependent manner. Cell reports, 43(5), 114149.

Swiderski K, et al. (2024) Dystrophin S3059 phosphorylation partially attenuates denervation atrophy in mouse tibialis anterior muscles. Physiological reports, 12(13), e16145.

Wu Z, et al. (2024) Electron transport chain inhibition increases cellular dependence on purine transport and salvage. Cell metabolism, 36(7), 1504.

Kommaddi RP, et al. (2024) Akt activation ameliorates deficits in hippocampal-dependent memory and activity-dependent synaptic protein synthesis in an Alzheimer's disease mouse model. The Journal of biological chemistry, 300(2), 105619.

Sadeghi M, et al. (2024) Biased signaling by mutant EGFR underlies dependence on PKC? in lung adenocarcinoma. Cell reports, 43(12), 115026.

Belcher DJ, et al. (2024) Anabolic deficits and divergent unfolded protein response underlie skeletal and cardiac muscle growth impairments in the Yoshida hepatoma tumor model of cancer cachexia. Physiological reports, 12(18), e70044.

Yi SA, et al. (2024) mTORC1-CTLH E3 ligase regulates the degradation of HMG-CoA synthase 1 through the Pro/N-degron pathway. Molecular cell, 84(11), 2166.

Sebastián D, et al. (2024) TP53INP2-dependent activation of muscle autophagy ameliorates sarcopenia and promotes healthy aging. Autophagy, 20(8), 1815.

Abudu YP, et al. (2024) MORG1 limits mTORC1 signaling by inhibiting Rag GTPases. Molecular cell, 84(3), 552.

Volegova MP, et al. (2024) The MYCN 5' UTR as a therapeutic target in neuroblastoma. Cell reports, 43(5), 114134.