Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 7, 2025

Rheb (E1G1R) Rabbit mAb

RRID:AB_2721022
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 13879, RRID:AB_2721022)

Antibody Information

URL: http://antibodyregistry.org/AB_2721022

Proper Citation: (Cell Signaling Technology Cat# 13879, RRID:AB_2721022)

Target Antigen: Rheb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP

Antibody Name: Rheb (E1G1R) Rabbit mAb

Description: This monoclonal targets Rheb

Target Organism: monkey, rat, mouse, human

Antibody ID: AB_2721022

Vendor: Cell Signaling Technology

Catalog Number: 13879

Record Creation Time: 20231110T033731+0000

Record Last Update: 20240725T022745+0000

Ratings and Alerts

No rating or validation information has been found for Rheb (E1G1R) Rabbit mAb.

No alerts have been found for Rheb (E1G1R) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

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.

Bagh MB, et al. (2024) Disruption of lysosomal nutrient sensing scaffold contributes to pathogenesis of a fatal neurodegenerative lysosomal storage disease. The Journal of biological chemistry, 300(2), 105641.

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

Jiang C, et al. (2023) Ring domains are essential for GATOR2-dependent mTORC1 activation. Molecular cell, 83(1), 74.

Gong YY, et al. (2022) Na+/H+-exchanger 1 enhances antitumor activity of engineered NK-92 natural killer cells. Cancer research communications, 2(8), 842.

Zellner S, et al. (2021) Systematically defining selective autophagy receptor-specific cargo using autophagosome content profiling. Molecular cell, 81(6), 1337.

Conde-Dusman MJ, et al. (2021) Control of protein synthesis and memory by GluN3A-NMDA receptors through inhibition of GIT1/mTORC1 assembly. eLife, 10.

Torrence ME, et al. (2021) The mTORC1-mediated activation of ATF4 promotes protein and glutathione synthesis downstream of growth signals. eLife, 10.

Yao Y, et al. (2020) Amino Acids Enhance Polyubiquitination of Rheb and Its Binding to mTORC1 by Blocking Lysosomal ATXN3 Deubiquitinase Activity. Molecular cell, 80(3), 437.

Gnanapradeepan K, et al. (2020) Increased mTOR activity and metabolic efficiency in mouse and human cells containing the African-centric tumor-predisposing p53 variant Pro47Ser. eLife, 9.

Xiao B, et al. (2020) Rheb1-Independent Activation of mTORC1 in Mammary Tumors Occurs through Activating Mutations in mTOR. Cell reports, 31(4), 107571.

Yang S, et al. (2020) The Rag GTPase Regulates the Dynamic Behavior of TSC Downstream of Both Amino Acid and Growth Factor Restriction. Developmental cell, 55(3), 272.

Walton ZE, et al. (2018) Acid Suspends the Circadian Clock in Hypoxia through Inhibition of mTOR. Cell, 174(1), 72.

Xiong Z, et al. (2018) Raptor directs Sertoli cell cytoskeletal organization and polarity in the mouse testis. Biology of reproduction, 99(6), 1289.