Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 20, 2025

Raptor (24C12) Rabbit mAb

RRID:AB_561245
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 2280, RRID:AB_561245)

Antibody Information

URL: http://antibodyregistry.org/AB_561245

Proper Citation: (Cell Signaling Technology Cat# 2280, RRID:AB_561245)

Target Antigen: Raptor (24C12) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP. Consolidation on 11/2018: AB_10694695, AB_10830734, AB_561245.

Antibody Name: Raptor (24C12) Rabbit mAb

Description: This monoclonal targets Raptor (24C12) Rabbit mAb

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

Antibody ID: AB_561245

Vendor: Cell Signaling Technology

Catalog Number: 2280

Record Creation Time: 20241016T235943+0000

Record Last Update: 20241017T013221+0000

Ratings and Alerts

No rating or validation information has been found for Raptor (24C12) Rabbit mAb.

No alerts have been found for Raptor (24C12) 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.

Lane AR, et al. (2024) Adaptive protein synthesis in genetic models of copper deficiency and childhood neurodegeneration. bioRxiv : the preprint server for biology.

Efentakis P, et al. (2024) Implications and hidden toxicity of cardiometabolic syndrome and early-stage heart failure in carfilzomib-induced cardiotoxicity. British journal of pharmacology, 181(16), 2964.

Dhaliwal NK, et al. (2024) Synergistic hyperactivation of both mTORC1 and mTORC2 underlies the neural abnormalities of PTEN-deficient human neurons and cortical organoids. Cell reports, 43(5), 114173.

Ali Y, et al. (2024) mTOR Regulates Mineralocorticoid Receptor Transcriptional Activity by ULK1-Dependent and -Independent Mechanisms. Endocrinology, 165(4).

Festa BP, et al. (2023) Microglial-to-neuronal CCR5 signaling regulates autophagy in neurodegeneration. Neuron, 111(13), 2021.

Hawley SA, et al. (2023) BAY-3827 and SBI-0206965: Potent AMPK Inhibitors That Paradoxically Increase Thr172 Phosphorylation. International journal of molecular sciences, 25(1).

Cao Y, et al. (2023) Enhanced bypass of PD-L1 translation reduces the therapeutic response to mTOR kinase inhibitors. Cell reports, 42(7), 112764.

Ge MK, et al. (2023) The tRNA-GCN2-FBXO22-axis-mediated mTOR ubiquitination senses amino acid insufficiency. Cell metabolism, 35(12), 2216.

Ebner M, et al. (2023) Nutrient-regulated control of lysosome function by signaling lipid conversion. Cell, 186(24), 5328.

Turgu B, et al. (2023) The HACE1 E3 ligase mediates RAC1-dependent control of mTOR signaling complexes. EMBO reports, 24(12), e56815.

Al-Katat A, et al. (2023) Rapamycin treatment unmasks a sex-specific pattern of scar expansion of the infarcted rat heart: The relationship between mTOR and KATP channel. IUBMB life.

Wang D, et al. (2022) E3 ligase RNF167 and deubiquitinase STAMBPL1 modulate mTOR and cancer progression. Molecular cell, 82(4), 770.

Zhou Q, et al. (2022) Energy sensor AMPK gamma regulates translation via phosphatase PPP6C independent of AMPK alpha. Molecular cell, 82(24), 4700.

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

Avilés EC, et al. (2022) Fat3 acts through independent cytoskeletal effectors to coordinate asymmetric cell behaviors during polarized circuit assembly. Cell reports, 38(5), 110307.

Dufour CR, et al. (2022) The mTOR chromatin-bound interactome in prostate cancer. Cell reports, 38(12), 110534.

Ali Y, et al. (2022) Mammalian Target of Rapamycin Inhibition Decreases Angiotensin II-Induced Steroidogenesis in HAC15 Human Adrenocortical Carcinoma Cells. Endocrinology, 164(1).

Kim SH, et al. (2022) Electroconvulsive seizure inhibits the mTOR signaling pathway via AMPK in the rat frontal cortex. Psychopharmacology, 239(2), 443.

Godale CM, et al. (2022) Impact of Raptor and Rictor Deletion on Hippocampal Pathology Following Status Epilepticus. Journal of molecular neuroscience : MN, 72(6), 1243.

Shao WQ, et al. (2022) Cholesterol suppresses GOLM1-dependent selective autophagy of RTKs in hepatocellular carcinoma. Cell reports, 39(3), 110712.