Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 5, 2025

Rab5 (C8B1) Rabbit mAb

RRID:AB_2300649
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 3547, RRID:AB_2300649)

Antibody Information

URL: http://antibodyregistry.org/AB_2300649

Proper Citation: (Cell Signaling Technology Cat# 3547, RRID:AB_2300649)

Target Antigen: Rab5

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: WB, IF-IC
Consolidation on 7/2017: AB_10828212.

Antibody Name: Rab5 (C8B1) Rabbit mAb

Description: This monoclonal targets Rab5

Target Organism: monkey, rat, mouse, human

Clone ID: C8B1

Antibody ID: AB_2300649

Vendor: Cell Signaling Technology

Catalog Number: 3547

Alternative Catalog Numbers: 3547S, 3547P

Record Creation Time: 20231110T052929+0000

Record Last Update: 20241115T113715+0000

Ratings and Alerts

No rating or validation information has been found for Rab5 (C8B1) Rabbit mAb.

No alerts have been found for Rab5 (C8B1) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 41 mentions in open access literature.

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

Matsumura F, et al. (2024) Myosin phosphatase targeting subunit1 controls localization and motility of Rab7-containing vesicles: Is myosin phosphatase a cytoplasmic dynein regulator? Cytoskeleton (Hoboken, N.J.).

Ku J, et al. (2024) Alternative polyadenylation determines the functional landscape of inverted Alu repeats. Molecular cell.

Tirumala NA, et al. (2024) Single-molecule imaging of stochastic interactions that drive dynein activation and cargo movement in cells. The Journal of cell biology, 223(3).

Eckman EA, et al. (2023) Nascent A?42 Fibrillization in Synaptic Endosomes Precedes Plaque Formation in a Mouse Model of Alzheimer's-like ?-Amyloidosis. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(50), 8812.

Ma L, et al. (2023) Two RNA-binding proteins mediate the sorting of miR223 from mitochondria into exosomes. eLife, 12.

Shaiken TE, et al. (2023) Transcriptome, proteome, and protein synthesis within the intracellular cytomatrix. iScience, 26(2), 105965.

Lee YJ, et al. (2023) GPR143 controls ESCRT-dependent exosome biogenesis and promotes cancer metastasis. Developmental cell, 58(4), 320.

Chen J, et al. (2023) Juvenile CLN3 disease is a lysosomal cholesterol storage disorder: similarities with Niemann-Pick type C disease. EBioMedicine, 92, 104628.

Iketani M, et al. (2023) H2-induced transient upregulation of phospholipids with suppression of energy metabolism. Medical gas research, 13(3), 133.

Chen Y, et al. (2022) Amino acid starvation-induced LDLR trafficking accelerates lipoprotein endocytosis and LDL clearance. EMBO reports, 23(3), e53373.

Bayati A, et al. (2022) Rapid macropinocytic transfer of ?-synuclein to lysosomes. Cell reports, 40(3), 111102.

Kim S, et al. (2022) Mitochondrial double-stranded RNAs govern the stress response in chondrocytes to promote osteoarthritis development. Cell reports, 40(6), 111178.

Prentzell MT, et al. (2021) G3BPs tether the TSC complex to lysosomes and suppress mTORC1 signaling. Cell, 184(3), 655.

Noch EK, et al. (2021) Distribution and localization of phosphatidylinositol 5-phosphate, 4-kinase alpha and beta in the brain. The Journal of comparative neurology, 529(2), 434.

Kilinc S, et al. (2021) Oncogene-regulated release of extracellular vesicles. Developmental cell, 56(13), 1989.

Hayn M, et al. (2021) Systematic functional analysis of SARS-CoV-2 proteins uncovers viral innate immune antagonists and remaining vulnerabilities. Cell reports, 35(7), 109126.

Tsourouktsoglou TD, et al. (2020) Histones, DNA, and Citrullination Promote Neutrophil Extracellular Trap Inflammation by Regulating the Localization and Activation of TLR4. Cell reports, 31(5), 107602.

Wang TS, et al. (2020) Endolysosomal Targeting of Mitochondria Is Integral to BAX-Mediated Mitochondrial Permeabilization during Apoptosis Signaling. Developmental cell, 53(6), 627.

De Rossi P, et al. (2020) Neuronal BIN1 Regulates Presynaptic Neurotransmitter Release and Memory Consolidation. Cell reports, 30(10), 3520.

Li H, et al. (2020) Internalization of trophoblastic small extracellular vesicles and detection of their miRNA cargo in P-bodies. Journal of extracellular vesicles, 9(1), 1812261.