

Resource Summary Report

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Mouse Anti-RAB7 Monoclonal Antibody, Unconjugated, Clone Rab7-117

RRID:AB_882241

Type: Antibody

Proper Citation

Abcam Cat# ab50533, RRID:AB_882241

Antibody Information

URL: http://antibodyregistry.org/AB_882241

Proper Citation: Abcam Cat# ab50533, RRID:AB_882241

Target Antigen: RAB7

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA; Immunocytochemistry; Immunoprecipitation; Western Blot; ELISA, Immunocytochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Western Blot

Antibody Name: Mouse Anti-RAB7 Monoclonal Antibody, Unconjugated, Clone Rab7-117

Description: This monoclonal targets RAB7

Target Organism: chicken, chickenavian, rat, simian, cow, mouse, bovine, human

Clone ID: Clone Rab7-117

Antibody ID: AB_882241

Vendor: Abcam

Catalog Number: ab50533

Record Creation Time: 20250819T230928+0000

Record Last Update: 20250820T042806+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-RAB7 Monoclonal Antibody, Unconjugated, Clone Rab7-117.

No alerts have been found for Mouse Anti-RAB7 Monoclonal Antibody, Unconjugated, Clone Rab7-117.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Pepe S, et al. (2025) TBC1D24 interacts with the v-ATPase and regulates intraorganellar pH in neurons. iScience, 28(1), 111515.

Chen KH, et al. (2025) Loss of the proton-activated chloride channel in neurons impairs AMPA receptor endocytosis and LTD via endosomal hyper-acidification. Cell reports, 44(2), 115302.

McConnell J, et al. (2025) The HDL-transporting scavenger receptor B1 promotes viral infection through endolysosomal acidification. iScience, 28(6), 112501.

Mottarlini F, et al. (2025) Repeated cocaine exposure and prolonged withdrawal induce spatial memory impairment and dysregulate the glutamatergic synapse composition in the dorsal hippocampus of male rats. Neuropharmacology, 273, 110453.

Dai F, et al. (2025) Eukaryotic-like Spsk1 from *Vibrio splendidus* AJ01 mediates phagosome escape via inhibiting phagosome acidification and maturation. Cellular and molecular life sciences : CMLS, 82(1), 88.

Basak B, et al. (2025) Mitochondrial damage triggers the concerted degradation of negative regulators of neuronal autophagy. Nature communications, 16(1), 7367.

Yang C, et al. (2024) Targeting the immune privilege of tumor-initiating cells to enhance cancer immunotherapy. Cancer cell, 42(12), 2064.

Lazo OM, et al. (2023) Rab10 regulates the sorting of internalised TrkB for retrograde axonal transport. eLife, 12.

Konings SC, et al. (2023) Apolipoprotein E intersects with amyloid-?? within neurons. Life science alliance, 6(8).

Goldsmith J, et al. (2022) Brain-derived autophagosome profiling reveals the engulfment of nucleoid-enriched mitochondrial fragments by basal autophagy in neurons. Neuron, 110(6), 967.

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

Hamel Y, et al. (2021) Compromised mitochondrial quality control triggers lipin1-related rhabdomyolysis. *Cell reports. Medicine*, 2(8), 100370.

Alissafi T, et al. (2020) Mitochondrial Oxidative Damage Underlies Regulatory T Cell Defects in Autoimmunity. *Cell metabolism*, 32(4), 591.

Ivanova D, et al. (2020) CtBP1-Mediated Membrane Fission Contributes to Effective Recycling of Synaptic Vesicles. *Cell reports*, 30(7), 2444.

Toulis V, et al. (2020) The Deubiquitinating Enzyme Ataxin-3 Regulates Ciliogenesis and Phagocytosis in the Retina. *Cell reports*, 33(6), 108360.

Knupp A, et al. (2020) Depletion of the AD Risk Gene SORL1 Selectively Impairs Neuronal Endosomal Traffic Independent of Amyloidogenic APP Processing. *Cell reports*, 31(9), 107719.

Scavuzzo MA, et al. (2018) Pancreatic Cell Fate Determination Relies on Notch Ligand Trafficking by NFIA. *Cell reports*, 25(13), 3811.

Lee KA, et al. (2018) Inflammation-Modulated Metabolic Reprogramming Is Required for DUOX-Dependent Gut Immunity in *Drosophila*. *Cell host & microbe*, 23(3), 338.

Yamano K, et al. (2018) Endosomal Rab cycles regulate Parkin-mediated mitophagy. *eLife*, 7.