

Resource Summary Report

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RAB7 antibody [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 antibody [Rab7-117]

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012:2;2b Immunoprecipitation; Western Blot; Immunocytochemistry; ELISA; Immunofluorescence; ELISA, ICC, ICC/IF, IP, WB

Antibody Name: RAB7 antibody [Rab7-117]

Description: This monoclonal targets RAB7 antibody [Rab7-117]

Target Organism: chicken, monkey, rat, cow, mouse, chickenbird, zebrafishfish, bovine, zebrafish, human

Antibody ID: AB_882241

Vendor: Abcam

Catalog Number: ab50533

Record Creation Time: 20250820T025145+0000

Record Last Update: 20250820T144317+0000

Ratings and Alerts

No rating or validation information has been found for RAB7 antibody [Rab7-117].

No alerts have been found for RAB7 antibody [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.