Resource Summary Report

Generated by RRID on Aug 13, 2026

Anti-LC3B antibody - Autophagosome Marker

RRID:AB_881433
Type: Antibody

Proper Citation

Abcam Cat# ab48394, RRID:AB_881433

Antibody Information

URL: http://antibodyregistry.org/AB_881433

Proper Citation: Abcam Cat# ab48394, RRID:AB_881433

Target Antigen: LC3B

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: CC/IF, IHC-P, WB

Antibody Name: Anti-LC3B antibody - Autophagosome Marker

Description: This polyclonal targets LC3B

Target Organism: rat, mouse, human

Antibody ID: AB_881433

Vendor: Abcam

Catalog Number: ab48394

Record Creation Time: 20250820T001138+0000

Record Last Update: 20250820T073704+0000

Ratings and Alerts

No rating or validation information has been found for Anti-LC3B antibody - Autophagosome Marker.

No alerts have been found for Anti-LC3B antibody - Autophagosome Marker.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 47 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Fricke M, et al. (2026) Knockout of the LRRK2-counteracting RAB phosphatase PPM1H disrupts axonal autophagy and exacerbates alpha-synuclein aggregation. Cell reports, 45(6), 117364.

Jing J, et al. (2026) Recombinant tissue plasminogen activator protects neurons after intracerebral hemorrhage through activating the PI3K/AKT/mTOR pathway. Neural regeneration research, 21(4), 1574.

Kim H, et al. (2026) Distinct autophagy impairment mechanisms of huntingtin aggregates with different polyQ lengths. Cell chemical biology, 33(4), 474.

De Tito S, et al. (2025) ATG9A and ARFIP2 cooperate to control PI4P levels for lysosomal repair. Developmental cell.

Vykoukal J, et al. (2025) Vesicle-mediated mitochondrial clearance presents an actionable metabolic vulnerability in triple-negative breast cancer. Cell reports. Medicine, 6(12), 102478.

Croce KR, et al. (2025) A rare genetic variant confers resistance to neurodegeneration across multiple neurological disorders by augmenting selective autophagy. Neuron.

Rubio-Atonal LF, et al. (2025) Glutamate decreases oxidative stress and lipid droplet formation in astrocytes. Journal of cell science, 138(19).

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

Schuster K, et al. (2024) Starvation in Mice Induces Liver Damage Associated with Autophagy. Nutrients, 16(8).

?unátová K, et al. (2024) Mitochondrial translation is the primary determinant of secondary mitochondrial complex I deficiencies. iScience, 27(8), 110560.

Dong J, et al. (2024) Roseburia intestinalis sensitizes colorectal cancer to radiotherapy through the butyrate/OR51E1/RALB axis. Cell reports, 43(3), 113846.

Morrow CS, et al. (2024) Autofluorescence is a biomarker of neural stem cell activation state. Cell stem cell, 31(4), 570.

Abdelmalak MFL, et al. (2023) Vitamin D and lactoferrin attenuate stress-induced colitis in Wistar rats via enhancing AMPK expression with inhibiting mTOR-STAT3 signaling and

modulating autophagy. Cell biochemistry and function, 41(2), 211.

Gallagher ER, et al. (2023) The selective autophagy adaptor p62/SQSTM1 forms phase condensates regulated by HSP27 that facilitate the clearance of damaged lysosomes via lysophagy. Cell reports, 42(2), 112037.

Harding O, et al. (2023) Damaged mitochondria recruit the effector NEMO to activate NF-? B signaling. Molecular cell, 83(17), 3188.

Aoyama S, et al. (2023) Monitoring autophagic flux in vivo revealed its physiological response and significance of heterogeneity in pancreatic beta cells. Cell chemical biology.

Wang Y, et al. (2023) Chronic Neuronal Inactivity Utilizes the mTOR-TFEB Pathway to Drive Transcription-Dependent Autophagy for Homeostatic Up-Scaling. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(15), 2631.

Huh E, et al. (2023) P. mirabilis-derived pore-forming haemolysin, HpmA drives intestinal alpha-synuclein aggregation in a mouse model of neurodegeneration. EBioMedicine, 98, 104887.

Song JM, et al. (2023) Deneddylating enzyme SENP8 regulates neuronal development. Journal of neurochemistry, 165(3), 348.

Del Grosso A, et al. (2022) Chronic lithium administration in a mouse model for Krabbe disease. JIMD reports, 63(1), 50.