

Resource Summary Report

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LC3B Antibody - BSA Free

RRID:AB_10003146

Type: Antibody

Proper Citation

Novus Cat# NB100-2220, RRID:AB_10003146

Antibody Information

URL: http://antibodyregistry.org/AB_10003146

Proper Citation: Novus Cat# NB100-2220, RRID:AB_10003146

Target Antigen: LC3B

Host Organism: Rabbit

Clonality: polyclonal

Comments: Applications: Western Blot, Simple Western, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, Proximity Ligation Assay, SDS-Page, Chromatin Immunoprecipitation (ChIP), Knockout Validated, Knockdown Validated

Antibody Name: LC3B Antibody - BSA Free

Description: This polyclonal targets LC3B

Target Organism: Human, Invertebrate, Porcine, Rat, Bovine, Monkey, Rabbit, Zebrafish, Avian, Canine, Golden Syrian Hamster, Alligator, Guinea Pig, Mouse, Bacteria, Primate, Chicken, Chinese Hamster, Hamster

Antibody ID: AB_10003146

Vendor: Novus

Catalog Number: NB100-2220

Alternative Catalog Numbers: NB100-2220SS

Record Creation Time: 20250819T214627+0000

Record Last Update: 20250820T000316+0000

Ratings and Alerts

No rating or validation information has been found for LC3B Antibody - BSA Free.

No alerts have been found for LC3B Antibody - BSA Free.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 113 mentions in open access literature.

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

Lin Y, et al. (2026) Patient-specific midbrain organoids with CRISPR correction recapitulate neuronopathic Gaucher disease phenotypes and enable evaluation of novel therapies. *eLife*, 15.

Jacobs KA, et al. (2026) Autophagy maintains high endothelial venule identity and function during inflammation. *Immunity*.

Benske TM, et al. (2026) A GluN2B disease-associated variant promotes the degradation of NMDA receptors via autophagy. *The Journal of biological chemistry*, 111147.

Lyu H, et al. (2026) STING signaling modulation by COPII cargo recognition. *Cell*, 189(10), 2971.

Viviani L, et al. (2026) The C-terminal region of TENT5 proteins drives ER-associated mRNA polyadenylation via FNDC3 interaction. *Cell reports*, 45(6), 117501.

Xiao B, et al. (2025) Treadmill exercise in combination with acousto-optic and olfactory stimulation improves cognitive function in APP/PS1 mice through the brain-derived neurotrophic factor- and Cygb-associated signaling pathways. *Neural regeneration research*, 20(9), 2706.

Collier CL, et al. (2025) PINK1 Loss of Function Selectively Alters the Mitochondrial-Derived Vesicle Pathway. *FASEB bioAdvances*, 7(7), e70030.

Stavrides P, et al. (2025) mTOR inhibition in Q175 Huntington's disease model mice facilitates neuronal autophagy and mutant huntingtin clearance. *eLife*, 14.

Sansbury SE, et al. (2025) Pooled tagging and hydrophobic targeting of endogenous proteins for unbiased mapping of unfolded protein responses. *Molecular cell*, 85(9), 1868.

Tang Z, et al. (2025) STING mediates lysosomal quality control and recovery through its proton channel function and TFEB activation in lysosomal storage disorders. *Molecular cell*, 85(8), 1624.

Chaouki G, et al. (2025) Pre-cachectic changes in amino acid homeostasis precede activation of eIF2 α signaling in the liver at the onset of C26 cancer-induced cachexia. *iScience*, 28(3), 112030.

Teng M, et al. (2025) Circular RMST cooperates with lineage-driving transcription factors to govern neuroendocrine transdifferentiation. *Cancer cell*, 43(5), 891.

Cheng C, et al. (2025) Dual roles of TRPV2 in the innate immune response to cytosolic DNA: Arresting dormant and boosting activated STING. *Cell reports*, 45(1), 116745.

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

Kosmac K, et al. (2025) Gastrocnemius Myofiber Type and Mitochondrial Alterations Associated With Peripheral Artery Disease Severity. *Function (Oxford, England)*, 6(6).

Cobo I, et al. (2025) Particle uptake by macrophages triggers bifurcated transcriptional pathways that differentially regulate inflammation and lysosomal gene expression. *Immunity*, 58(4), 826.

Huber LS, et al. (2025) Deletion of ABIN1-LIR motifs impairs hepatic lipid homeostasis and mitophagy via AMPK-TFEB axis in mice. *American journal of physiology. Cell physiology*, 329(5), C1360.

Zhao DY, et al. (2024) Autophagy preferentially degrades non-fibrillar polyQ aggregates. *Molecular cell*, 84(10), 1980.

Ottensmeyer J, et al. (2024) Force-induced dephosphorylation activates the cochaperone BAG3 to coordinate protein homeostasis and membrane traffic. *Current biology : CB*, 34(18), 4170.

Kang J, et al. (2024) Non-autophagic Golgi-LC3 lipidation facilitates TFE3 stress response against Golgi dysfunction. *The EMBO journal*, 43(21), 5085.