

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

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 107 mentions in open access literature.

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

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

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.

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.

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

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

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 γ 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.

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.

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

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.

Li C, et al. (2024) Adiponectin Inhibits the Progression of Obesity-Associated Papillary Thyroid Carcinoma Through Autophagy. *Endocrinology*, 165(5).

Zou Y, et al. (2024) Contactin -Associated protein1 Regulates Autophagy by Modulating the PI3K/AKT/mTOR Signaling Pathway and ATG4B Levels in Vitro and in Vivo. *Molecular neurobiology*.

Lee SY, et al. (2024) Migrasomal autophagosomes relieve endoplasmic reticulum stress in glioblastoma cells. *BMC biology*, 22(1), 23.

de Talhouët C, et al. (2024) KAT8 compound inhibition inhibits the initial steps of PINK1-dependant mitophagy. *Scientific reports*, 14(1), 11721.

Abudu YP, et al. (2024) MORG1 limits mTORC1 signaling by inhibiting Rag GTPases. *Molecular cell*, 84(3), 552.