Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 19, 2025

Anti-LC3B antibody produced in rabbit

RRID:AB_796155 Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# L7543, RRID:AB_796155)

Antibody Information

URL: http://antibodyregistry.org/AB_796155

Proper Citation: (Sigma-Aldrich Cat# L7543, RRID:AB_796155)

Target Antigen: LC3B

Host Organism: rabbit

Clonality: unknown

Comments: Vendor recommendations:

Antibody Name: Anti-LC3B antibody produced in rabbit

Description: This unknown targets LC3B

Target Organism: rat, mouse, human

Antibody ID: AB_796155

Vendor: Sigma-Aldrich

Catalog Number: L7543

Record Creation Time: 20231110T043237+0000

Record Last Update: 20241115T113251+0000

Ratings and Alerts

No rating or validation information has been found for Anti-LC3B antibody produced in rabbit.

No alerts have been found for Anti-LC3B antibody produced in rabbit.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 106 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Jian F, et al. (2025) Deacetylated SNAP47 recruits HOPS to facilitate autophagosomelysosome fusion independent of STX17. Nature communications, 16(1), 543.

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

Onal G, et al. (2024) Variant-specific effects of GBA1 mutations on dopaminergic neuron proteostasis. Journal of neurochemistry, 168(9), 2543.

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

Zheng D, et al. (2024) Human YKT6 forms priming complex with STX17 and SNAP29 to facilitate autophagosome-lysosome fusion. Cell reports, 43(2), 113760.

Leszczynska KB, et al. (2024) H2A.Z histone variants facilitate HDACi-dependent removal of H3.3K27M mutant protein in pediatric high-grade glioma cells. Cell reports, 43(2), 113707.

Simpson JE, et al. (2024) Autophagy supports PDGFRA-dependent brain tumor development by enhancing oncogenic signaling. Developmental cell, 59(2), 228.

Zheng LY, et al. (2024) Sorafenib extends the lifespan of C. elegans through mitochondrial uncoupling mechanism. Free radical biology & medicine, 214, 101.

Sciarretta F, et al. (2024) Lipid-associated macrophages reshape BAT cell identity in obesity. Cell reports, 43(7), 114447.

Wu Z, et al. (2024) Rab32 family proteins regulate autophagosomal components recycling. The Journal of cell biology, 223(3).

Zhang J, et al. (2024) Maintaining Toll signaling in Drosophila brain is required to sustain autophagy for dopamine neuron survival. iScience, 27(2), 108795.

Saha B, et al. (2024) TBK1 is ubiquitinated by TRIM5? to assemble mitophagy machinery. Cell reports, 43(6), 114294.

Li W, et al. (2024) The clinical antiprotozoal drug nitazoxanide and its metabolite tizoxanide extend Caenorhabditis elegans lifespan and healthspan. Acta pharmaceutica Sinica. B, 14(7), 3266.

Jung CH, et al. (2024) The N-degron pathway mediates the autophagic degradation of cytosolic mitochondrial DNA during sterile innate immune responses. Cell reports, 44(1), 115094.

Waku T, et al. (2023) The CNC-family transcription factor Nrf3 coordinates the melanogenesis cascade through macropinocytosis and autophagy regulation. Cell reports, 42(1), 111906.

Li H, et al. (2023) The Activation of Reticulophagy by ER Stress through the ATF4-MAP1LC3A-CCPG1 Pathway in Ovarian Granulosa Cells Is Linked to Apoptosis and Necroptosis. International journal of molecular sciences, 24(3).

Southwell N, et al. (2023) A coordinated multiorgan metabolic response contributes to human mitochondrial myopathy. EMBO molecular medicine, e16951.

Chen XY, et al. (2023) Anthelmintic nitazoxanide protects against experimental pulmonary fibrosis. British journal of pharmacology, 180(23), 3008.

Jun YW, et al. (2023) Non-muscle MYH10/myosin IIB recruits ESCRT-III to participate in autophagosome closure to maintain neuronal homeostasis. Autophagy, 19(7), 2045.

Bogetofte H, et al. (2023) Post-translational proteomics platform identifies neurite outgrowth impairments in Parkinson's disease GBA-N370S dopamine neurons. Cell reports, 42(3), 112180.