

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 3, 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 autophagosome-lysosome 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.

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.

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

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.

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.

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.

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

Vidyadhara DJ, et al. (2023) Dopamine transporter and synaptic vesicle sorting defects underlie auxilin-associated Parkinson's disease. *Cell reports*, 42(3), 112231.

Tang B, et al. (2023) MicroRNA-31 induced by *Fusobacterium nucleatum* infection promotes colorectal cancer tumorigenesis. *iScience*, 26(5), 106770.