

Resource Summary Report

Generated by [NIF](#) on Aug 8, 2026

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: 20250820T042715+0000

Record Last Update: 20250820T190051+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 139 mentions in open access literature.

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

Kilpeläinen T, et al. (2026) Novel PREP ligand, HUP-46, ameliorates behavioral deficits in an alpha-synuclein based Parkinson's disease model. *Experimental neurology*, 397, 115593.

Rey A, et al. (2026) An optimized method to visualize lipid droplets in mouse brain tissue. *Cell reports methods*, 6(6), 101455.

Visuttijai K, et al. (2026) Dysregulation of glycogen metabolism in cardiomyopathy caused by glycogenin-1 (GYG1) missense variants. *The Journal of clinical endocrinology and metabolism*.

Huang ZB, et al. (2026) STING-OPTN signaling confers cytoprotection through TBK1-dependent mitophagy. *Cell reports*, 45(6), 117515.

Guo Q, et al. (2026) Human GBP4 promotes TRIM21-BIP-dependent autophagy to restrict M. tuberculosis infection by preventing SORT1-mediated progranulin degradation. *Cell reports*, 45(8), 117739.

Chiolerio P, et al. (2026) Human neuromuscular organoids mimic cancer-induced muscle cachexia. *Cell reports methods*, 6(2), 101331.

Gu Z, et al. (2026) High intensity 40 Hz flicker improves amyloid pathology and cognition with autophagy in 3xTg mice. *iScience*, 29(6), 115994.

Oh S, et al. (2026) A role for CASM in the repair of damaged Golgi architecture. *Autophagy*, 1.

Wang H, et al. (2026) Targeting TMED4 enhances CD8+ T cell function and CAR T cell efficacy in solid tumors through the IRE1?-autophagy axis. *Science advances*, 12(24), eaee0517.

Li X, et al. (2026) Atg5 deficiency alters myofibroblast accumulation and alveolar regeneration in lung fibrosis. *Stem cell reports*, 21(7), 102979.

Jiménez-Guerrero R, et al. (2025) ?-TrCP overexpression enhances cisplatin sensitivity by depleting BRCA1. *Molecular oncology*.

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

Chiricozzi E, et al. (2025) Metabolic and Structural Consequences of GM3 Synthase Deficiency: Insights from an HEK293-T Knockout Model. *Biomedicines*, 13(4).

Oyabu M, et al. (2025) Dnmt3a overexpression disrupts skeletal muscle homeostasis, promotes an aging-like phenotype, and reduces metabolic elasticity. *iScience*, 28(4), 112144.

Oh S, et al. (2025) A role for CASM in the repair of damaged Golgi architecture. *bioRxiv* : the preprint server for biology.

Tan ZY, et al. (2025) Development of an FKBP12-recruiting chemical-induced proximity DNA-encoded library and its application to discover an autophagy potentiator. *Cell chemical biology*, 32(3), 498.

Young J, et al. (2025) RNF216 variants found in patients with dementia, hypogonadotropic hypogonadism and severe ataxia deregulate autophagy. *The Journal of clinical endocrinology and metabolism*.

Dhar K, et al. (2025) Programmed cell revival from imminent cell death enhances tissue repair and regeneration. *The EMBO journal*.

Li WF, et al. (2025) O304 is a mitochondrial uncoupler which extends *C. elegans* lifespan and induces vasorelaxation of rat mesenteric arteries. *Chemico-biological interactions*, 421, 111788.

Freites CL, et al. (2025) Rhythmic patterns in microglial cells within the circadian pineal gland from male rats. *Anatomical record* (Hoboken, N.J. : 2007).