

Resource Summary Report

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Recombinant Anti-LC3B antibody [EPR18709] - Autophagosome Marker

RRID:AB_2827794

Type: Antibody

Proper Citation

Abcam Cat# ab192890, RRID:AB_2827794

Antibody Information

URL: http://antibodyregistry.org/AB_2827794

Proper Citation: Abcam Cat# ab192890, RRID:AB_2827794

Target Antigen: LC3B

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: IP, WB, ICC/IF

Antibody Name: Recombinant Anti-LC3B antibody [EPR18709] - Autophagosome Marker

Description: This monoclonal targets LC3B

Target Organism: rat, mouse, human

Clone ID: EPR18709

Antibody ID: AB_2827794

Vendor: Abcam

Catalog Number: ab192890

Record Creation Time: 20250819T223417+0000

Record Last Update: 20250820T023641+0000

Ratings and Alerts

No rating or validation information has been found for Recombinant Anti-LC3B antibody [EPR18709] - Autophagosome Marker.

No alerts have been found for Recombinant Anti-LC3B antibody [EPR18709] - Autophagosome Marker.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 51 mentions in open access literature.

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

Wang Y, et al. (2026) LncRNA DANCER Activates p38/mTOR-Mediated Autophagy via ANXA2 to Exacerbate Oxygen-Induced Retinal Neovascularization in Mice. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(1), e71364.

Palmer JE, et al. (2025) Coordination of autophagosome closure and release by the Alzheimer's disease-associated protein BIN1. Cell reports, 44(9), 116266.

Behzadi P, et al. (2025) Rapamycin reduces mineral density and promotes beneficial vascular remodeling in a murine model of severe medial arterial calcification. American journal of physiology. Heart and circulatory physiology, 329(1), H191.

Wang Z, et al. (2025) Actions of dexmedetomidine in regulating NLRP3 in postoperative cognitive dysfunction in aged mice via the autophagy-lysosome pathway. British journal of pharmacology, 182(8), 1683.

Xie X, et al. (2025) Deubiquitinase OTUD4 Stabilizes SLC5A2 to Promote Pancreatic Cancer Proliferation and Migration Through Enchain Glycolysis-Mediated Autophagy. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(14), e70880.

Russell JJ, et al. (2025) Cardiomyocyte-specific LARP6 overexpression prevents angiotensin II-induced myocardial dysfunction and interstitial fibrosis. American journal of physiology. Heart and circulatory physiology, 329(3), H730.

Puri C, et al. (2025) Transferrin receptor controls both autophagosome formation and closure via phosphatidylinositol 3-phosphate synthesis. Developmental cell.

Yue Y, et al. (2025) Synergistic mechanisms of Banxia Xiexin decoction in overcoming chemoresistance and enhancing chemosensitivity in colorectal cancer. Fitoterapia, 185, 106711.

Abdalla AL, et al. (2025) Lithium attenuates HIV-1 latency reversal in an autophagy-independent way. iScience, 28(12), 114085.

Yin M, et al. (2025) Low-grade chronic inflammatory stimulation alleviates α -syn accumulation in Parkinson's disease by activating autophagy to promote neuronal survival in the Thy1-h[A30P]- α -syn mouse model. *Behavioural brain research*, 494, 115703.

Shen H, et al. (2025) Reactive oxygen species-responsive hydrogel loaded with melatonin as a minimally invasive treatment for myocardial I/R injury. *iScience*, 28(7), 112834.

Yang K, et al. (2025) Autonomous STING signaling in Purkinje cells drives neurodegeneration independent of type I interferon. *Cell reports*, 44(11), 116480.

Peng H, et al. (2025) AIMP1 exerts hearing protection role in age related hearing loss mice by regulating SIRT1 expression. *BMC geriatrics*, 25(1), 645.

Han P, et al. (2025) Quercetin-derived microbial metabolite DOPAC potentiates CD8⁺ T cell anti-tumor immunity via NRF2-mediated mitophagy. *Cell metabolism*, 37(12), 2438.

Zhang C, et al. (2024) Methionine secreted by tumor-associated pericytes supports cancer stem cells in clear cell renal carcinoma. *Cell metabolism*, 36(4), 778.

Wu A, et al. (2024) The activation of LBH-CRYAB signaling promotes cardiac protection against I/R injury by inhibiting apoptosis and ferroptosis. *iScience*, 27(5), 109510.

Zhang Y, et al. (2024) A novel mechanism of PHB2-mediated mitophagy participating in the development of Parkinson's disease. *Neural regeneration research*, 19(8), 1828.

Zha X, et al. (2024) Microbiota-derived lysophosphatidylcholine alleviates Alzheimer's disease pathology via suppressing ferroptosis. *Cell metabolism*.

He J, et al. (2024) SENP1 facilitates OM-MSC differentiation through activating OPTN-mediated mitophagy to mitigate the neurologic impairment following ICH. *iScience*, 27(6), 109865.

Sun F, et al. (2024) AdipoRon promotes amyloid- β clearance through enhancing autophagy via nuclear GAPDH-induced sirtuin 1 activation in Alzheimer's disease. *British journal of pharmacology*, 181(17), 3039.