

Resource Summary Report

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LC3 antibody

RRID:AB_2137737

Type: Antibody

Proper Citation

(Proteintech Cat# 14600-1-AP, RRID:AB_2137737)

Antibody Information

URL: http://antibodyregistry.org/AB_2137737

Proper Citation: (Proteintech Cat# 14600-1-AP, RRID:AB_2137737)

Target Antigen: LC3

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product.

Applications: WB, IP, IHC, IF, FC, ELISA

Antibody Name: LC3 antibody

Description: This polyclonal targets LC3

Target Organism: cow, duck, goat, human, monkey, mouse, rabbit, rat, swine, zebrafish

Antibody ID: AB_2137737

Vendor: Proteintech

Catalog Number: 14600-1-AP

Ratings and Alerts

No rating or validation information has been found for LC3 antibody.

No alerts have been found for LC3 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Wu R, et al. (2024) Circ-CIMIRC inhibition alleviates CIH-induced myocardial damage via FbxL4-mediated ubiquitination of PINK1. *iScience*, 27(2), 108982.

Li Z, et al. (2024) Akt/mTOR Pathway Agonist SC79 Inhibits Autophagy and Apoptosis of Oligodendrocyte Precursor Cells Associated with Neonatal White Matter Dysplasia. *Neurochemical research*, 49(3), 670.

Zhang F, et al. (2023) Rapamycin attenuates pyroptosis by suppressing mTOR phosphorylation and promoting autophagy in LPS-induced bronchopulmonary dysplasia. *Experimental lung research*, 49(1), 178.

Dong RF, et al. (2023) Discovery of a potent inhibitor of chaperone-mediated autophagy that targets the HSC70-LAMP2A interaction in non-small cell lung cancer cells. *British journal of pharmacology*.

Shi X, et al. (2023) MARCH7-mediated ubiquitination decreases the solubility of ATG14 to inhibit autophagy. *Cell reports*, 42(9), 113045.

Liu Y, et al. (2023) Small cytosolic double-stranded DNA represses cyclic GMP-AMP synthase activation and induces autophagy. *Cell reports*, 42(8), 112852.

Furthmann N, et al. (2023) NEMO reshapes the γ -Synuclein aggregate interface and acts as an autophagy adapter by co-condensation with p62. *Nature communications*, 14(1), 8368.

Ji H, et al. (2023) Upregulation of UHRF1 Promotes PINK1-mediated Mitophagy to Alleviates Ferroptosis in Diabetic Nephropathy. *Inflammation*.

Fan W, et al. (2022) Estrogen receptor α activation inhibits colitis by promoting NLRP6-mediated autophagy. *Cell reports*, 41(2), 111454.

Wang M, et al. (2022) Domain fusion TLR2-4 enhances the autophagy-dependent clearance of *Staphylococcus aureus* in the genetic engineering goat. *eLife*, 11.

Yang M, et al. (2022) Beclin1 Deficiency Suppresses Epileptic Seizures. *Frontiers in molecular neuroscience*, 15, 807671.

Liu Y, et al. (2022) Phosphoinositide-3-kinase regulatory subunit 4 participates in the occurrence and development of amyotrophic lateral sclerosis by regulating autophagy.

Neural regeneration research, 17(7), 1609.

Zhang X, et al. (2022) Kinase DYRK2 acts as a regulator of autophagy and an indicator of favorable prognosis in gastric carcinoma. Colloids and surfaces. B, Biointerfaces, 209(Pt 1), 112182.

Oshima Y, et al. (2021) Parkin-independent mitophagy via Drp1-mediated outer membrane severing and inner membrane ubiquitination. The Journal of cell biology, 220(6).

Ji J, et al. (2018) Antagonizing peroxisome proliferator-activated receptor γ facilitates M1-to-M2 shift of microglia by enhancing autophagy via the LKB1-AMPK signaling pathway. Aging cell, 17(4), e12774.