

Resource Summary Report

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LC3B antibody

RRID:AB_881429

Type: Antibody

Proper Citation

(Abcam Cat# ab51520, RRID:AB_881429)

Antibody Information

URL: http://antibodyregistry.org/AB_881429

Proper Citation: (Abcam Cat# ab51520, RRID:AB_881429)

Target Antigen: LC3B antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunohistochemistry; Western Blot; Immunofluorescence; Immunohistochemistry - frozen; Immunocytochemistry; ICC/IF, IHC-Fr, WB

Antibody Name: LC3B antibody

Description: This polyclonal targets LC3B antibody

Target Organism: mouse, human

Antibody ID: AB_881429

Vendor: Abcam

Catalog Number: ab51520

Record Creation Time: 20241017T004854+0000

Record Last Update: 20241017T024413+0000

Ratings and Alerts

No rating or validation information has been found for LC3B antibody.

No alerts have been found for LC3B antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Wrobel L, et al. (2024) p37 regulates VCP/p97 shuttling and functions in the nucleus and cytosol. Science advances, 10(18), eadl6082.

libushi J, et al. (2024) ATG9B regulates bacterial internalization via actin rearrangement. iScience, 27(5), 109623.

Tian Y, et al. (2023) FUNDC1: a key mediator of adenosine A2BR activation-induced inhibition of cardiac mitophagy under ischemia/reperfusion conditions. Cardiovascular diagnosis and therapy, 13(3), 509.

Pathak T, et al. (2023) Correction: Dichotomous role of the human mitochondrial Na⁺/Ca²⁺/Li⁺ exchanger NCLX in colorectal cancer growth and metastasis. eLife, 12.

Wrobel L, et al. (2022) Compounds activating VCP D1 ATPase enhance both autophagic and proteasomal neurotoxic protein clearance. Nature communications, 13(1), 4146.

Li J, et al. (2022) RIPOR2-mediated autophagy dysfunction is critical for aminoglycoside-induced hearing loss. Developmental cell, 57(18), 2204.

Ma J, et al. (2022) Ercc2/Xpd deficiency results in failure of digestive organ growth in zebrafish with elevated nucleolar stress. iScience, 25(9), 104957.

Ye X, et al. (2022) Genetic inhibition of PDK1 robustly reduces plaque deposition and ameliorates gliosis in the 5×FAD mouse model of Alzheimer's disease. Neuropathology and applied neurobiology, 48(7), e12839.

Chen X, et al. (2022) FGF21 promotes migration and differentiation of epidermal cells during wound healing via SIRT1-dependent autophagy. British journal of pharmacology, 179(5), 1102.

Uchikado Y, et al. (2021) Association of Lectin-Like Oxidized Low-Density Lipoprotein

Receptor-1 With Angiotensin II Type 1 Receptor Impacts Mitochondrial Quality Control, Offering Promise for the Treatment of Vascular Senescence. *Frontiers in cardiovascular medicine*, 8, 788655.

Caielli S, et al. (2021) Erythroid mitochondrial retention triggers myeloid-dependent type I interferon in human SLE. *Cell*, 184(17), 4464.

Robinson KJ, et al. (2021) A Novel Calpain Inhibitor Compound Has Protective Effects on a Zebrafish Model of Spinocerebellar Ataxia Type 3. *Cells*, 10(10).

Liang KX, et al. (2020) Disease-specific phenotypes in iPSC-derived neural stem cells with POLG mutations. *EMBO molecular medicine*, 12(10), e12146.

Rivera OC, et al. (2020) A common genetic variant in zinc transporter ZnT2 (Thr288Ser) is present in women with low milk volume and alters lysosome function and cell energetics. *American journal of physiology. Cell physiology*, 318(6), C1166.

Pathak T, et al. (2020) Dichotomous role of the human mitochondrial Na⁺/Ca²⁺/Li⁺ exchanger NCLX in colorectal cancer growth and metastasis. *eLife*, 9.

Pei T, et al. (2019) Increased expression of YAP is associated with decreased cell autophagy in the eutopic endometrial stromal cells of endometriosis. *Molecular and cellular endocrinology*, 491, 110432.

Cournoyer S, et al. (2019) GX15-070 (Obatoclax), a Bcl-2 family proteins inhibitor engenders apoptosis and pro-survival autophagy and increases Chemosensitivity in neuroblastoma. *BMC cancer*, 19(1), 1018.

Shen L, et al. (2019) Sulindac-derived retinoid X receptor- γ modulator attenuates atherosclerotic plaque progression and destabilization in ApoE^{-/-} mice. *British journal of pharmacology*, 176(14), 2559.

Thomas HE, et al. (2018) Mitochondrial Complex I Activity Is Required for Maximal Autophagy. *Cell reports*, 24(9), 2404.

Li X, et al. (2017) Nucleus-Translocated ACSS2 Promotes Gene Transcription for Lysosomal Biogenesis and Autophagy. *Molecular cell*, 66(5), 684.