Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 30, 2024

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: human, mouse, rat

Antibody ID: AB_796155

Vendor: Sigma-Aldrich

Catalog Number: L7543

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 98 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Zheng LY, et al. (2024) Sorafenib extends the lifespan of C. elegans through mitochondrial uncoupling mechanism. Free radical biology & medicine, 214, 101.

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

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.

Zhang J, et al. (2024) Maintaining Toll signaling in Drosophila brain is required to sustain autophagy for dopamine neuron survival. iScience, 27(2), 108795.

Wu Z, et al. (2024) Rab32 family proteins regulate autophagosomal components recycling. The Journal of cell biology, 223(3).

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

Southwell N, et al. (2023) A coordinated multiorgan metabolic response contributes to human mitochondrial myopathy. EMBO molecular medicine, e16951.

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).

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.

Saha I, et al. (2023) The AAA+ chaperone VCP disaggregates Tau fibrils and generates aggregate seeds in a cellular system. Nature communications, 14(1), 560.

Aoyama S, et al. (2023) Monitoring autophagic flux in vivo revealed its physiological response and significance of heterogeneity in pancreatic beta cells. Cell chemical biology.

Cammarata FP, et al. (2023) Proton boron capture therapy (PBCT) induces cell death and mitophagy in a heterotopic glioblastoma model. Communications biology, 6(1), 388.

Cross J, et al. (2023) Lysosome damage triggers direct ATG8 conjugation and ATG2 engagement via non-canonical autophagy. The Journal of cell biology, 222(12).

Marques E, et al. (2023) Lipocalin-2 induces mitochondrial dysfunction in renal tubular cells via mTOR pathway activation. Cell reports, 42(9), 113032.

Eckman EA, et al. (2023) Nascent A?42 Fibrillization in Synaptic Endosomes Precedes Plaque Formation in a Mouse Model of Alzheimer's-like ?-Amyloidosis. The Journal of neuroscience: the official journal of the Society for Neuroscience, 43(50), 8812.

Jun YW, et al. (2023) Non-muscle MYH10/myosin IIB recruits ESCRT-III to participate in autophagosome closure to maintain neuronal homeostasis. Autophagy, 19(7), 2045.

Bogetofte H, et al. (2023) Post-translational proteomics platform identifies neurite outgrowth impairments in Parkinson's disease GBA-N370S dopamine neurons. Cell reports, 42(3), 112180.

Li L, et al. (2023) Bilirubin impacts microglial autophagy via the Akt-mTOR signaling pathway. Journal of neurochemistry, 167(4), 582.