

Resource Summary Report

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LAMP-1 (mouse) antibody - August, J.T.; Pharmacology & Molecular Sciences, Johns Hopkins School of Medicine

RRID:AB_2134500

Type: Antibody

Proper Citation

(DSHB Cat# 1d4b, RRID:AB_2134500)

Antibody Information

URL: http://antibodyregistry.org/AB_2134500

Proper Citation: (DSHB Cat# 1d4b, RRID:AB_2134500)

Target Antigen: LAMP-1 (mouse)

Host Organism: rat

Clonality: monoclonal

Comments: consolidated with AB_528127 on 02/2018 by curator.; Application(s): ELISA,Immunofluorescence,Immunohistochemistry,Immunoprecipitation,Western Blot;
Date Deposited: 10/01/1986

Antibody Name: LAMP-1 (mouse) antibody - August, J.T.; Pharmacology & Molecular Sciences, Johns Hopkins School of Medicine

Description: This monoclonal targets LAMP-1 (mouse)

Target Organism: mouse

Defining Citation: [PMID:25855184](#), [PMID:19010886](#), [PMID:3174652](#), [PMID:20805499](#), [PMID:3753016](#), [PMID:8867788](#), [PMID:20133586](#), [PMID:10637224](#), [PMID:25475538](#), [PMID:6787057](#), [PMID:3101702](#), [PMID:14988035](#), [PMID:3923938](#), [PMID:8603420](#), [PMID:7451466](#), [PMID:7061521](#), [PMID:29237821](#), [PMID:12544843](#), [PMID:2409098](#), [PMID:10212251](#), [PMID:12464012](#)

Antibody ID: AB_2134500

Vendor: DSHB

Catalog Number: 1d4b

Record Creation Time: 20260319T082508+0000

Record Last Update: 20260319T082509+0000

Ratings and Alerts

- Used for western blot assay by the Human Islet Research Network community.
Contact(s): [Scott Soleimanpour](#) - Human Islets Research Network
<https://hirnetwork.org/>

No alerts have been found for LAMP-1 (mouse) antibody - August, J.T.; Pharmacology & Molecular Sciences, Johns Hopkins School of Medicine.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 84 mentions in open access literature.

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

Ghoochani A, et al. (2026) Cell-type resolved protein atlas of brain lysosomes identifies SLC45A1-associated disease as a lysosomal disorder. *Cell*, 189(3), 765.

Zhang L, et al. (2026) Genetically encoded fluorescent reporters to visualize α -synuclein pathology in live brain. *Cell*, 189(7), 2108.

Tomlin M, et al. (2026) Progressive changes in synapses and glial cells in AppNL-G-F mice, a model of Alzheimer's disease. *Brain communications*, 8(1), fcaf484.

Guo S, et al. (2026) Rapamycin Reduces Amyloid- β Plaques and Improves Behavioral Performance in a Sex-Dependent Manner in Mouse Models of Amyloidosis. *CNS neuroscience & therapeutics*, 32(3), e70807.

Yang R, et al. (2026) Multiparity exacerbates A β accumulation and promotes cellular senescence in a mouse model of amyloidosis. *Immunity & ageing : I & A*, 23(1).

Patel K, et al. (2026) Chaperone-mediated autophagy is a tumor-suppressive mechanism in hepatocellular carcinoma. *Cell reports*, 45(6), 117390.

Wong B, et al. (2026) Early-onset neuroinflammation drives neurodegeneration caused by lysosomal PI(3,5)P2 insufficiency. *Neurobiology of disease*, 226, 107467.

Wu J, et al. (2026) Astrocytic AEBP1-NPAS3-LIPA pathway coordinates cholesterol homeostasis to regulate Alzheimer's pathology. *Cell reports*, 45(4), 117193.

Abdelmageed M, et al. (2026) An altered cell-specific subcellular distribution of translesion synthesis DNA polymerase kappa (POLK) in aging mouse neurons. *eLife*, 13.

Wang M, et al. (2026) p53 Drives Lung Cancer Regression through a TSC2/TFEB-dependent Senescence Program. *Cancer discovery*, 16(2), 391.

Goldman A, et al. (2026) An LRRK2 variant blocks NCOA4 trafficking upon iron overload, leading to ferroptotic death. *Journal of cell science*, 139(14).

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

Cañada-García D, et al. (2026) Ndfip2 in TrkA-expressing sensory neurons regulates noxious mechanosensation through control of TrkA signaling and protein levels. *Cell death & disease*, 17(1).

Sue N, et al. (2025) ER stress disrupts insulin release in murine models of type 2 diabetes by impairing retromer action and constitutive secretion. *Cell reports*, 44(5), 115691.

Basak B, et al. (2025) Mitochondrial damage triggers the concerted degradation of negative regulators of neuronal autophagy. *Nature communications*, 16(1), 7367.

McFadden MJ, et al. (2025) IRE1 γ promotes phagosomal calcium flux to enhance macrophage fungicidal activity. *Cell reports*, 44(5), 115694.

Davidson JW, et al. (2025) Hepatic lipid remodeling in cold exposure uncovers direct regulation of bis(monoacylglycero)phosphate lipids by phospholipase A2 group XV. *Cell metabolism*, 37(6), 1413.

Cai Y, et al. (2025) Myelin-axon interface vulnerability in Alzheimer's disease revealed by subcellular proteomics and imaging of human and mouse brain. *Nature neuroscience*, 28(7), 1418.

Pereyra G, et al. (2025) SFRP1 upregulation causes hippocampal synaptic dysfunction and memory impairment. *Cell reports*, 44(4), 115535.

Huang Y, et al. (2025) Cdk5rap3-mediated regulation of lysosomal and ER membrane proteins is pivotal for the survival and function of pancreatic acinar cells. *American journal of physiology. Cell physiology*, 329(2), C513.