

Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

LAMP2a antibody - Lysosome Marker

RRID:AB_775981

Type: Antibody

Proper Citation

Abcam Cat# ab18528, RRID:AB_775981

Antibody Information

URL: http://antibodyregistry.org/AB_775981

Proper Citation: Abcam Cat# ab18528, RRID:AB_775981

Target Antigen: LAMP2a antibody - Lysosome Marker

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012:
Immunohistochemistry - fixed; Flow Cytometry; Immunofluorescence;
Immunohistochemistry; Western Blot; Immunocytochemistry; Flow Cyt, ICC/IF, IHC-P, WB

Antibody Name: LAMP2a antibody - Lysosome Marker

Description: This polyclonal targets LAMP2a antibody - Lysosome Marker

Target Organism: hamster, chinese hamster, mouse, human

Antibody ID: AB_775981

Vendor: Abcam

Catalog Number: ab18528

Record Creation Time: 20250820T051412+0000

Record Last Update: 20250820T210740+0000

Ratings and Alerts

No rating or validation information has been found for LAMP2a antibody - Lysosome Marker.

No alerts have been found for LAMP2a antibody - Lysosome Marker.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Duhay V, et al. (2026) Control of lysosome function by the GTPase-activating protein TBC1D9B and its binding partner TMEM55B. Nature communications, 17(1).

Ma J, et al. (2026) Migrasome-mediated clearance of excess PLK4 defines a targetable vulnerability. EBioMedicine, 127, 106237.

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

Gong F, et al. (2026) Calcium overload induced mitochondrial and lysosomal dysfunction is regulated by Tousled-like kinase in a-synucleinopathy. Cell death & disease, 17(1), 10.

Fan Q, et al. (2025) Hepatic Lamp2a deficiency promotes inflammation of murine autoimmune cholangitis via affecting bile acid metabolism. iScience, 28(2), 111804.

Zhang D, et al. (2025) Glutamine binds HSC70 to transduce signals inhibiting IFN- γ -mediated immunogenic cell death. Developmental cell, 60(14), 1958.

Sakai R, et al. (2025) The lysosomal membrane protein LAMP2B mediates microlipophagy to target obesity-related disorders. Cell reports, 44(6), 115829.

Yeat NY, et al. (2025) Bro1 proteins determine tumor immune evasion and metastasis by controlling secretion or degradation of multivesicular bodies. Developmental cell, 60(15), 2114.

Rappe A, et al. (2024) Longitudinal autophagy profiling of the mammalian brain reveals sustained mitophagy throughout healthy aging. The EMBO journal, 43(23), 6199.

Onal G, et al. (2024) Variant-specific effects of GBA1 mutations on dopaminergic neuron proteostasis. Journal of neurochemistry, 168(9), 2543.

Ebner M, et al. (2023) Nutrient-regulated control of lysosome function by signaling lipid conversion. Cell, 186(24), 5328.

Lin G, et al. (2023) Exploring therapeutic strategies for infantile neuronal axonal dystrophy (INAD/PARK14). *eLife*, 12.

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*.

Kshitiz , et al. (2022) Lactate-dependent chaperone-mediated autophagy induces oscillatory HIF-1 α activity promoting proliferation of hypoxic cells. *Cell systems*, 13(12), 1048.

Kedariti M, et al. (2022) LRRK2 kinase activity regulates GCase level and enzymatic activity differently depending on cell type in Parkinson's disease. *NPJ Parkinson's disease*, 8(1), 92.

Ma X, et al. (2022) CCT2 is an aggrephagy receptor for clearance of solid protein aggregates. *Cell*, 185(8), 1325.

Russ K, et al. (2021) TNF- α and α -synuclein fibrils differently regulate human astrocyte immune reactivity and impair mitochondrial respiration. *Cell reports*, 34(12), 108895.

Sakai K, et al. (2021) Functional inhibition of heat shock protein 70 by VER-155008 suppresses pleural mesothelioma cell proliferation via an autophagy mechanism. *Thoracic cancer*, 12(4), 491.

Linares JF, et al. (2021) PKC δ inhibition activates an ULK2-mediated interferon response to repress tumorigenesis. *Molecular cell*, 81(21), 4509.

Gong Y, et al. (2021) Vangl2 limits chaperone-mediated autophagy to balance osteogenic differentiation in mesenchymal stem cells. *Developmental cell*, 56(14), 2103.