

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.com) on Apr 4, 2025

LAMP2 antibody [GL2A7] - Lysosome Marker

RRID:AB_2134736

Type: Antibody

Proper Citation

(Abcam Cat# ab13524, RRID:AB_2134736)

Antibody Information

URL: http://antibodyregistry.org/AB_2134736

Proper Citation: (Abcam Cat# ab13524, RRID:AB_2134736)

Target Antigen: LAMP2

Host Organism: rat

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunohistochemistry; Immunoprecipitation; Western Blot; Immunocytochemistry, Immunohistochemistry-FoFr, Immunoprecipitation, Western Blot

Antibody Name: LAMP2 antibody [GL2A7] - Lysosome Marker

Description: This monoclonal targets LAMP2

Target Organism: mouse, human

Clone ID: Clone GL2A7

Antibody ID: AB_2134736

Vendor: Abcam

Catalog Number: ab13524

Record Creation Time: 20241016T235754+0000

Record Last Update: 20241017T012950+0000

Ratings and Alerts

No rating or validation information has been found for LAMP2 antibody [GL2A7] - Lysosome Marker.

No alerts have been found for LAMP2 antibody [GL2A7] - Lysosome Marker.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Culver SA, et al. (2024) Nephron specific ATP6AP2 knockout increases urinary excretion of fatty acids and decreases renal cortical megalin expression. *Scientific reports*, 14(1), 18724.

Qu Q, et al. (2024) Lithocholic acid binds TULP3 to activate sirtuins and AMPK to slow down ageing. *Nature*.

Zhang T, et al. (2023) Autophagy collaborates with apoptosis pathways to control oligodendrocyte number. *Cell reports*, 42(8), 112943.

DeGeer J, et al. (2022) Ral GTPases are critical regulators of spinal cord myelination and homeostasis. *Cell reports*, 40(13), 111413.

Sun J, et al. (2022) LAMTOR1 inhibition of TRPML1-dependent lysosomal calcium release regulates dendritic lysosome trafficking and hippocampal neuronal function. *The EMBO journal*, 41(5), e108119.

Jung J, et al. (2022) Structural mechanism for regulation of Rab7 by site-specific monoubiquitination. *International journal of biological macromolecules*, 194, 347.

Singh N, et al. (2022) Targeted BACE-1 inhibition in microglia enhances amyloid clearance and improved cognitive performance. *Science advances*, 8(29), eabo3610.

Han X, et al. (2022) KIBRA regulates amyloid β metabolism by controlling extracellular vesicles secretion. *EBioMedicine*, 78, 103980.

Roca-Agujetas V, et al. (2021) Cholesterol alters mitophagy by impairing optineurin recruitment and lysosomal clearance in Alzheimer's disease. *Molecular neurodegeneration*, 16(1), 15.

Logan T, et al. (2021) Rescue of a lysosomal storage disorder caused by Grn loss of function

with a brain penetrant progranulin biologic. *Cell*, 184(18), 4651.

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

Ito J, et al. (2021) Iron derived from autophagy-mediated ferritin degradation induces cardiomyocyte death and heart failure in mice. *eLife*, 10.

Dabelsteen S, et al. (2020) Essential Functions of Glycans in Human Epithelia Dissected by a CRISPR-Cas9-Engineered Human Organotypic Skin Model. *Developmental cell*, 54(5), 669.

Coman D, et al. (2020) Extracellular pH mapping of liver cancer on a clinical 3T MRI scanner. *Magnetic resonance in medicine*, 83(5), 1553.

Ghazvini Zadeh EH, et al. (2020) ZIGIR, a Granule-Specific Zn²⁺ Indicator, Reveals Human Islet ? Cell Heterogeneity. *Cell reports*, 32(2), 107904.

Savic LJ, et al. (2020) Molecular Imaging of Extracellular Tumor pH to Reveal Effects of Locoregional Therapy on Liver Cancer Microenvironment. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 26(2), 428.

He A, et al. (2020) Acetyl-CoA Derived from Hepatic Peroxisomal ?-Oxidation Inhibits Autophagy and Promotes Steatosis via mTORC1 Activation. *Molecular cell*, 79(1), 30.

Wang Y, et al. (2020) Pharmacological Targeting of Vacuolar H⁺-ATPase via Subunit V1G Combats Multidrug-Resistant Cancer. *Cell chemical biology*, 27(11), 1359.

Werneburg S, et al. (2020) Targeted Complement Inhibition at Synapses Prevents Microglial Synaptic Engulfment and Synapse Loss in Demyelinating Disease. *Immunity*, 52(1), 167.

Yao Y, et al. (2020) Amino Acids Enhance Polyubiquitination of Rheb and Its Binding to mTORC1 by Blocking Lysosomal ATXN3 Deubiquitinase Activity. *Molecular cell*, 80(3), 437.