

Resource Summary Report

Generated by [RRID](#) on Sep 6, 2026

Anti-Niemann Pick C1 antibody

RRID:AB_2734695

Type: Antibody

Proper Citation

Abcam Cat# ab134113, RRID:AB_2734695

Antibody Information

URL: http://antibodyregistry.org/AB_2734695

Proper Citation: Abcam Cat# ab134113, RRID:AB_2734695

Target Antigen: NPC1

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: Flow Cyt, WB, IHC-P, ICC/IF

Antibody Name: Anti-Niemann Pick C1 antibody

Description: This monoclonal targets NPC1

Target Organism: rat, mouse, human

Clone ID: EPR5209

Antibody ID: AB_2734695

Vendor: Abcam

Catalog Number: ab134113

Record Creation Time: 20231110T033552+0000

Record Last Update: 20260831T184040+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Niemann Pick C1 antibody.

No alerts have been found for Anti-Niemann Pick C1 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Goodson BA, et al. (2026) SARS-CoV-2 ORF3a blocks lysosomal cholesterol egress by disrupting VPS39-regulated NPC2 trafficking and BMP metabolism. *Cell reports*, 45(6), 117544.

Bond C, et al. (2025) Heterogeneity of late endosome/lysosomes shown by multiplexed DNA-PAINT imaging. *The Journal of cell biology*, 224(1).

Long T, et al. (2024) Molecular insights into human phosphatidylserine synthase 1 reveal its inhibition promotes LDL uptake. *Cell*, 187(20), 5665.

Choi M, et al. (2024) The Aging Lacrimal Gland of Female C57BL/6J Mice Exhibits Multinucleate Macrophage Infiltration Associated With Lipid Dysregulation. *Investigative ophthalmology & visual science*, 65(6), 1.

Chen FW, et al. (2022) Activation of mitochondrial TRAP1 stimulates mitochondria-lysosome crosstalk and correction of lysosomal dysfunction. *iScience*, 25(9), 104941.

Dong W, et al. (2022) MiR-25 blunts autophagy and promotes the survival of *Mycobacterium tuberculosis* by regulating NPC1. *iScience*, 25(5), 104279.

Tuck BJ, et al. (2022) Cholesterol determines the cytosolic entry and seeded aggregation of tau. *Cell reports*, 39(5), 110776.

Roney JC, et al. (2021) Lipid-mediated motor-adaptor sequestration impairs axonal lysosome delivery leading to autophagic stress and dystrophy in Niemann-Pick type C. *Developmental cell*, 56(10), 1452.

Eapen VV, et al. (2021) Quantitative proteomics reveals the selectivity of ubiquitin-binding autophagy receptors in the turnover of damaged lysosomes by lysophagy. *eLife*, 10.

Chu TT, et al. (2021) Tonic prime-boost of STING signalling mediates Niemann-Pick disease type C. *Nature*, 596(7873), 570.

Davis OB, et al. (2021) NPC1-mTORC1 Signaling Couples Cholesterol Sensing to Organelle Homeostasis and Is a Targetable Pathway in Niemann-Pick Type C. *Developmental cell*, 56(3), 260.

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

Takadate Y, et al. (2020) Niemann-Pick C1 Heterogeneity of Bat Cells Controls Filovirus Tropism. *Cell reports*, 30(2), 308.

Vanharanta L, et al. (2020) High-content imaging and structure-based predictions reveal functional differences between Niemann-Pick C1 variants. *Traffic (Copenhagen, Denmark)*, 21(5), 386.

McCauliff LA, et al. (2019) Intracellular cholesterol trafficking is dependent upon NPC2 interaction with lysobisphosphatidic acid. *eLife*, 8.

Vivas O, et al. (2019) Niemann-Pick Type C Disease Reveals a Link between Lysosomal Cholesterol and PtdIns(4,5)P₂ That Regulates Neuronal Excitability. *Cell reports*, 27(9), 2636.