

Resource Summary Report

Generated by [RRID](#) on Aug 15, 2026

Mouse Cathepsin B Antibody

RRID:AB_2086949

Type: Antibody

Proper Citation

R and D Systems Cat# AF965, RRID:AB_2086949

Antibody Information

URL: http://antibodyregistry.org/AB_2086949

Proper Citation: R and D Systems Cat# AF965, RRID:AB_2086949

Target Antigen: Cathepsin B

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Immunohistochemistry, Neutralization

Antibody Name: Mouse Cathepsin B Antibody

Description: This polyclonal targets Cathepsin B

Target Organism: mouse

Antibody ID: AB_2086949

Vendor: R and D Systems

Catalog Number: AF965

Alternative Catalog Numbers: AF965-SP

Record Creation Time: 20250820T035315+0000

Record Last Update: 20250820T172705+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Cathepsin B Antibody.

No alerts have been found for Mouse Cathepsin B Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Kořvarová R, et al. (2026) Cannabidiol and cannabigerol ameliorate steatotic liver disease via phosphocreatine buffering and lysosomal restoration. *British journal of pharmacology*, 183(12), 3173.

Ramsey AC, et al. (2026) TGF- β signaling promotes astroglial activation and TDP-43 proteinopathy in organoid models of frontotemporal lobar degeneration. *The Journal of clinical investigation*, 136(14).

Yap CC, et al. (2026) Late Endosome Transport by RILP-RAB7A Promotes Dendrite Arborization Independently of Degradation. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 46(26).

Yap CC, et al. (2025) Late endosome transport by RILP-RAB7A promotes dendrite arborization. *bioRxiv : the preprint server for biology*.

Chen Y, et al. (2025) Macrophage-derived CTSS drives the age-dependent disruption of the blood-CSF barrier. *Neuron*, 113(7), 1082.

Biggs KE, et al. (2025) Coronin1A Regulates the Trafficking of Alpha Synuclein in Microglia. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(11).

Liu K, et al. (2024) The decreased astrocyte-microglia interaction reflects the early characteristics of Alzheimer's disease. *iScience*, 27(3), 109281.

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

Mulligan RJ, et al. (2024) Collapse of late endosomal pH elicits a rapid Rab7 response via the V-ATPase and RILP. *Journal of cell science*, 137(9).

Mulligan RJ, et al. (2023) Collapse of late endosomal pH elicits a rapid Rab7 response via V-ATPase and RILP. *bioRxiv : the preprint server for biology*.

Qiu Y, et al. (2023) Definition of the contribution of an Osteopontin-producing CD11c⁺ microglial subset to Alzheimer's disease. *Proceedings of the National Academy of Sciences of the United States of America*, 120(6), e2218915120.

Yap CC, et al. (2022) Dynein Is Required for Rab7-Dependent Endosome Maturation, Retrograde Dendritic Transport, and Degradation. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(22), 4415.

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.

Daura E, et al. (2022) Cystatin B deficiency results in sustained histone H3 tail cleavage in postnatal mouse brain mediated by increased chromatin-associated cathepsin L activity. *Frontiers in molecular neuroscience*, 15, 1069122.

Nieto-Torres JL, et al. (2021) LC3B phosphorylation regulates FYCO1 binding and directional transport of autophagosomes. *Current biology : CB*, 31(15), 3440.

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.

Farfel-Becker T, et al. (2019) Neuronal Soma-Derived Degradative Lysosomes Are Continuously Delivered to Distal Axons to Maintain Local Degradation Capacity. *Cell reports*, 28(1), 51.

Yap CC, et al. (2018) Degradation of dendritic cargos requires Rab7-dependent transport to somatic lysosomes. *The Journal of cell biology*, 217(9), 3141.