

Resource Summary Report

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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: 20241016T223232+0000

Record Last Update: 20241016T230441+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 11 mentions in open access literature.

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

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. (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.

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.

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

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.