

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

Mouse Cathepsin D Antibody

RRID:AB_2087094

Type: Antibody

Proper Citation

R and D Systems Cat# AF1029, RRID:AB_2087094

Antibody Information

URL: http://antibodyregistry.org/AB_2087094

Proper Citation: R and D Systems Cat# AF1029, RRID:AB_2087094

Target Antigen: Cathepsin D

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Immunohistochemistry, Immunoprecipitation, Immunocytochemistry

Antibody Name: Mouse Cathepsin D Antibody

Description: This polyclonal targets Cathepsin D

Target Organism: mouse

Antibody ID: AB_2087094

Vendor: R and D Systems

Catalog Number: AF1029

Alternative Catalog Numbers: AF1029-SP

Record Creation Time: 20250820T052022+0000

Record Last Update: 20250820T212140+0000

Ratings and Alerts

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

No alerts have been found for Mouse Cathepsin D Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

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

Kaplelach AK, et al. (2025) Delivering Progranulin to Astrocytic Lysosomes Promotes Growth of Co-Cultured Neurons. Journal of neurochemistry, 169(11), e70284.

Goniotaki D, et al. (2025) Proteomic analysis links truncated tau to lysosome motility, autophagy, and endo-lysosomal dysfunction. Alzheimer's & dementia : the journal of the Alzheimer's Association, 21(12), e70977.

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).

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.

Feng T, et al. (2023) AAV-GRN partially corrects motor deficits and ALS/FTLD-related pathology in Tmem106b-/-Grn-/- mice. iScience, 26(7), 107247.

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.

Davis SE, et al. (2021) Delivering progranulin to neuronal lysosomes protects against excitotoxicity. The Journal of biological chemistry, 297(3), 100993.

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

Tammineni P, et al. (2017) Impaired axonal retrograde trafficking of the retromer complex augments lysosomal deficits in Alzheimer's disease neurons. Human molecular genetics, 26(22), 4352.