

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: 20250819T235030+0000

Record Last Update: 20250820T063516+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.