

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

Mouse Progranulin/PGRN Antibody

RRID:AB_2114504

Type: Antibody

Proper Citation

R and D Systems Cat# AF2557, RRID:AB_2114504

Antibody Information

URL: http://antibodyregistry.org/AB_2114504

Proper Citation: R and D Systems Cat# AF2557, RRID:AB_2114504

Target Antigen: Progranulin/PGRN

Host Organism: Sheep

Clonality: polyclonal

Comments: Applications: Western Blot, Immunohistochemistry, Immunocytochemistry

Antibody Name: Mouse Progranulin/PGRN Antibody

Description: This polyclonal targets Progranulin/PGRN

Target Organism: Mouse

Defining Citation: [PMID:20737593](#)

Antibody ID: AB_2114504

Vendor: R and D Systems

Catalog Number: AF2557

Alternative Catalog Numbers: AF2557-SP

Record Creation Time: 20231110T044555+0000

Record Last Update: 20260830T032856+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Progranulin/PGRN Antibody.

No alerts have been found for Mouse Progranulin/PGRN Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Sajan MP, et al. (2026) Progranulin deficiency in the brain activates an insulin signaling pathway that may promote neurodegeneration. iScience, 29(5), 115720.

Gan WL, et al. (2024) Hepatocyte-macrophage crosstalk via the PGRN-EGFR axis modulates ADAR1-mediated immunity in the liver. Cell reports, 43(7), 114400.

Zhang L, et al. (2024) Regulation of muscle hypertrophy through granulin: Relayed communication among mesenchymal progenitors, macrophages, and satellite cells. Cell reports, 43(4), 114052.

Tanaka Y, et al. (2023) Dysregulation of the progranulin-driven autophagy-lysosomal pathway mediates secretion of the nuclear protein TDP-43. The Journal of biological chemistry, 299(11), 105272.

Thomasen PB, et al. (2023) SorCS2 binds progranulin to regulate motor neuron development. Cell reports, 42(11), 113333.

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

Logan T, et al. (2021) Rescue of a lysosomal storage disorder caused by Grn loss of function with a brain penetrant progranulin biologic. Cell, 184(18), 4651.

Zhou X, et al. (2017) The interaction between progranulin and prosaposin is mediated by granulins and the linker region between saposin B and C. Journal of neurochemistry, 143(2), 236.