Resource Summary Report

Generated by RRID on Aug 10, 2026

Human/Mouse GFR alpha-2/GDNF R alpha-2 Antibody

RRID:AB_2294621
Type: Antibody

Proper Citation

R and D Systems Cat# AF429, RRID:AB_2294621

Antibody Information

URL: http://antibodyregistry.org/AB_2294621

Proper Citation: R and D Systems Cat# AF429, RRID:AB_2294621

Target Antigen: GFR alpha-2/GDNF R alpha-2

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Immunohistochemistry, Blockade of Receptor-ligand Interaction, Immunocytochemistry

Antibody Name: Human/Mouse GFR alpha-2/GDNF R alpha-2 Antibody

Description: This polyclonal targets GFR alpha-2/GDNF R alpha-2

Target Organism: mouse

Defining Citation: PMID:20533358, PMID:19235905, PMID:18085594

Antibody ID: AB_2294621

Vendor: R and D Systems

Catalog Number: AF429

Alternative Catalog Numbers: AF429-SP

Record Creation Time: 20250820T051454+0000

Record Last Update: 20250820T210920+0000

Ratings and Alerts

No rating or validation information has been found for Human/Mouse GFR alpha-2/GDNF R alpha-2 Antibody.

No alerts have been found for Human/Mouse GFR alpha-2/GDNF R alpha-2 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 RRID .

Voisin T, et al. (2026) Skin inflammation and itch response are independently regulated by distinct nociceptor subsets. Immunity, 59(5), 1237.

Yun H, et al. (2025) The production of the chemokine CCL2 by corneal sensory neurons initiates anti-viral immunity at the cornea and trigeminal ganglion. Cell reports, 45(1), 116693.

Tower CA, et al. (2025) Maternal CENP-C restores centromere symmetry in mammalian zygotes to ensure proper chromosome segregation. Developmental cell.

Takahashi S, et al. (2023) Sensory neuronal STAT3 is critical for IL-31 receptor expression and inflammatory itch. Cell reports, 42(12), 113433.

Enamorado M, et al. (2023) Immunity to the microbiota promotes sensory neuron regeneration. Cell, 186(3), 607.

Messina DN, et al. (2022) Glial-derived neurotrophic factor regulates the expression of TREK2 in rat primary sensory neurons leading to attenuation of axotomy-induced neuropathic pain. Experimental neurology, 357, 114190.

Gadomski S, et al. (2022) A cholinergic neuroskeletal interface promotes bone formation during postnatal growth and exercise. Cell stem cell, 29(4), 528.

Marin-Bejar O, et al. (2021) Evolutionary predictability of genetic versus nongenetic resistance to anticancer drugs in melanoma. Cancer cell, 39(8), 1135.

Muzyka VV, et al. (2021) Genetic interplay between transcription factor Pou4f1/Brn3a and neurotrophin receptor Ret in retinal ganglion cell type specification. Neural development, 16(1), 5.

Zhang S, et al. (2021) Nonpeptidergic neurons suppress mast cells via glutamate to maintain skin homeostasis. Cell, 184(8), 2151.

Forrest SL, et al. (2015) Peripheral injury of pelvic visceral sensory nerves alters GFR?? (GDNF family receptor alpha) localization in sensory and autonomic pathways of the sacral spinal cord. Frontiers in neuroanatomy, 9, 43.