

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

PDGFR-alpha (C-20)

RRID:AB_631064

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-338, RRID:AB_631064

Antibody Information

URL: http://antibodyregistry.org/AB_631064

Proper Citation: Santa Cruz Biotechnology Cat# sc-338, RRID:AB_631064

Target Antigen: PDGFRA

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Flow Cytometry; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), Flow Cytometry, ELISA

Antibody Name: PDGFR-alpha (C-20)

Description: This polyclonal targets PDGFRA

Target Organism: rat, mouse, human

Clone ID: C-20

Antibody ID: AB_631064

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-338

Record Creation Time: 20231110T043752+0000

Record Last Update: 20260829T124052+0000

Ratings and Alerts

No rating or validation information has been found for PDGFR-alpha (C-20).

Warning: Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Flow Cytometry; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), Flow Cytometry, ELISA

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 39 mentions in open access literature.

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

Nguyen LD, et al. (2025) Impact of ATF6 deletion on the embryonic brain development. iScience, 28(6), 112569.

Perea-Gomez A, et al. (2025) NR2F2 is required in the embryonic testis for fetal Leydig cell development. eLife, 14.

Kelley KW, et al. (2024) Host circuit engagement of human cortical organoids transplanted in rodents. Nature protocols.

Yoo K, et al. (2024) Muscle-resident mesenchymal progenitors sense and repair peripheral nerve injury via the GDNF-BDNF axis. eLife, 13.

Longtine C, et al. (2024) Homology and the evolution of vocal folds in the novel avian voice box. Current biology : CB, 34(3), 461.

Jiang C, et al. (2023) ADAMTS4 Enhances Oligodendrocyte Differentiation and Remyelination by Cleaving NG2 Proteoglycan and Attenuating PDGFR α Signaling. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(24), 4405.

Sobierajski E, et al. (2023) Development of myelin in fetal and postnatal neocortex of the pig, the European wild boar *Sus scrofa*. Brain structure & function, 228(3-4), 947.

Ishino Y, et al. (2022) Coactivator-associated arginine methyltransferase 1 controls oligodendrocyte differentiation in the corpus callosum during early brain development. Developmental neurobiology, 82(3), 245.

Yao L, et al. (2022) Temporal control of PDGFR α regulates the fibroblast-to-myofibroblast transition in wound healing. Cell reports, 40(7), 111192.

Li Y, et al. (2022) Hepatoma Derived Growth Factor Enhances Oligodendrocyte Genesis from Subventricular Zone Precursor Cells. ASN neuro, 14, 17590914221086340.

Xie XP, et al. (2022) Quiescent human glioblastoma cancer stem cells drive tumor initiation, expansion, and recurrence following chemotherapy. *Developmental cell*, 57(1), 32.

Kim H, et al. (2021) Generation of human pluripotent stem cell-derived fused organoids with oligodendroglia and myelin. *STAR protocols*, 2(2), 100443.

Poeta E, et al. (2021) Histone Acetylation Defects in Brain Precursor Cells: A Potential Pathogenic Mechanism Causing Proliferation and Differentiation Dysfunctions in Mitochondrial Aspartate-Glutamate Carrier Isoform 1 Deficiency. *Frontiers in cellular neuroscience*, 15, 773709.

Ohgomori T, et al. (2021) Signal Transducer and Activator of Transcription 3 Activation in Hippocampal Neural Stem Cells and Cognitive Deficits in Mice Following Short-term Cuprizone Exposure. *Neuroscience*, 472, 90.

Uccelli NA, et al. (2021) Neurobiological substrates underlying corpus callosum hypoconnectivity and brain metabolic patterns in the valproic acid rat model of autism spectrum disorder. *Journal of neurochemistry*, 159(1), 128.

Syed SM, et al. (2020) Endometrial Axin2+ Cells Drive Epithelial Homeostasis, Regeneration, and Cancer following Oncogenic Transformation. *Cell stem cell*, 26(1), 64.

Escande-Beillard N, et al. (2020) Loss of PYCR2 Causes Neurodegeneration by Increasing Cerebral Glycine Levels via SHMT2. *Neuron*, 107(1), 82.

Wang Z, et al. (2020) Cell Lineage-Based Stratification for Glioblastoma. *Cancer cell*, 38(3), 366.

Sun C, et al. (2020) Mosaic Mutant Analysis Identifies PDGFR α /PDGFR β as Negative Regulators of Adipogenesis. *Cell stem cell*, 26(5), 707.

Rao-Bhatia A, et al. (2020) Hedgehog-Activated Fat4 and PCP Pathways Mediate Mesenchymal Cell Clustering and Villus Formation in Gut Development. *Developmental cell*, 52(5), 647.