

# Resource Summary Report

Generated by PRECISE-TBI on Aug 17, 2026

## Human/Mouse Neogenin Antibody

RRID:AB\_2151002

Type: Antibody

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### Proper Citation

R and D Systems Cat# AF1079, RRID:AB\_2151002

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2151002](http://antibodyregistry.org/AB_2151002)

**Proper Citation:** R and D Systems Cat# AF1079, RRID:AB\_2151002

**Target Antigen:** Neogenin

**Host Organism:** Goat

**Clonality:** polyclonal

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

**Antibody Name:** Human/Mouse Neogenin Antibody

**Description:** This polyclonal targets Neogenin

**Target Organism:** Human, Mouse

**Antibody ID:** AB\_2151002

**Vendor:** R and D Systems

**Catalog Number:** AF1079

**Alternative Catalog Numbers:** AF1079-SP

**Record Creation Time:** 20250820T010632+0000

**Record Last Update:** 20250820T100300+0000

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### Ratings and Alerts

No rating or validation information has been found for Human/Mouse Neogenin Antibody.

No alerts have been found for Human/Mouse Neogenin Antibody.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 7 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Kobayashi H, et al. (2026) Netrin-1 Promotes Pancreatic Tumorigenesis and Innervation through NEO1. Cancer research, 86(8), 1883.

Martins-Costa C, et al. (2024) ARID1B controls transcriptional programs of axon projection in an organoid model of the human corpus callosum. Cell stem cell, 31(6), 866.

Shohayeb B, et al. (2024) BDNF-dependent nano-organization of Neogenin and the WAVE regulatory complex promotes actin remodeling in dendritic spines. iScience, 27(9), 110621.

Chaudhari S, et al. (2022) Neogenin pathway positively regulates fibronectin production by glomerular mesangial cells. American journal of physiology. Cell physiology, 323(1), C226.

Robinson RA, et al. (2021) Simultaneous binding of Guidance Cues NET1 and RGM blocks extracellular NEO1 signaling. Cell, 184(8), 2103.

Brignani S, et al. (2020) Remotely Produced and Axon-Derived Netrin-1 Instructs GABAergic Neuron Migration and Dopaminergic Substantia Nigra Development. Neuron, 107(4), 684.

Ap??stolo N, et al. (2020) Synapse type-specific proteomic dissection identifies IgSF8 as a hippocampal CA3 microcircuit organizer. Nature communications, 11(1), 5171.