

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

Human Prox1 Antibody

RRID:AB_2170716

Type: Antibody

Proper Citation

R and D Systems Cat# AF2727, RRID:AB_2170716

Antibody Information

URL: http://antibodyregistry.org/AB_2170716

Proper Citation: R and D Systems Cat# AF2727, RRID:AB_2170716

Target Antigen: Prox1

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Simple Western, Immunocytochemistry

Antibody Name: Human Prox1 Antibody

Description: This polyclonal targets Prox1

Target Organism: Human

Antibody ID: AB_2170716

Vendor: R and D Systems

Catalog Number: AF2727

Alternative Catalog Numbers: AF2727-SP

Record Creation Time: 20250819T224659+0000

Record Last Update: 20250820T031730+0000

Ratings and Alerts

No rating or validation information has been found for Human Prox1 Antibody.

No alerts have been found for Human Prox1 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 46 mentions in open access literature.

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

Gizaw NY, et al. (2025) Inhibiting cholesterol synthesis halts rhabdomyosarcoma growth via ER stress and cell cycle arrest. EMBO molecular medicine, 17(12), 3586.

Yu XX, et al. (2025) Reconstructing human pancreatic gene networks enhances stem cell-derived ?? cell induction. Developmental cell.

Torii S, et al. (2025) Embryological cellular origins and hypoxia-mediated mechanisms in PIK3CA-driven refractory vascular malformations. EMBO molecular medicine, 17(6), 1289.

Miao Y, et al. (2025) Co-development of mesoderm and endoderm enables organotypic vascularization in lung and gut organoids. Cell, 188(16), 4295.

Han F, et al. (2025) Lymphatic endothelial mTORC1 instructs metabolic and developmental signaling during lymphangiogenesis. Developmental cell, 60(17), 2331.

Kallio P, et al. (2025) A Multipotent PROX1+ Tumor Stem/Progenitor Cell Population Emerges during Intestinal Tumorigenesis and Mediates Radioresistance in Colorectal Cancer. Cancer research, 85(23), 4616.

Ritchie EM, et al. (2025) Translatome analysis reveals cellular network in DLK-dependent hippocampal glutamatergic neuron degeneration. eLife, 13.

Yamaguchi S, et al. (2024) The development of early human lymphatic vessels as characterized by lymphatic endothelial markers. The EMBO journal, 43(5), 868.

Carlantoni C, et al. (2024) The phosphodiesterase 2A controls lymphatic junctional maturation via cGMP-dependent notch signaling. Developmental cell, 59(3), 308.

Manolis D, et al. (2024) Quantitative proteomics reveals CLR interactome in primary human cells. The Journal of biological chemistry, 300(6), 107399.

Alderman PJ, et al. (2024) Delayed maturation and migration of excitatory neurons in the juvenile mouse paralaminar amygdala. Neuron, 112(4), 574.

Gonzalez JC, et al. (2024) Protocol for electrophysiological measurements of circadian changes in excitability in dentate granule cells from adult mice. STAR protocols, 5(3), 103255.

Jain S, et al. (2024) Increasing adult-born neurons protects mice from epilepsy. eLife, 12.

Ong ALC, et al. (2023) Acquisition of neural fate by combination of BMP blockade and chromatin modification. *iScience*, 26(10), 107887.

Travisano SI, et al. (2023) Single-nuclei multiomic analyses identify human cardiac lymphatic endothelial cells associated with coronary arteries in the epicardium. *Cell reports*, 42(9), 113106.

Maunsell HR, et al. (2023) *Lrrn1* Regulates Medial Boundary Formation in the Developing Mouse Organ of Corti. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(29), 5305.

Slavi N, et al. (2023) CyclinD2-mediated regulation of neurogenic output from the retinal ciliary margin is perturbed in albinism. *Neuron*, 111(1), 49.

Jain S, et al. (2023) Increasing adult neurogenesis protects mice from epilepsy. *bioRxiv : the preprint server for biology*.

Bershteyn M, et al. (2023) Human pallial MGE-type GABAergic interneuron cell therapy for chronic focal epilepsy. *Cell stem cell*, 30(10), 1331.

Ohata H, et al. (2023) PROX1 induction by autolysosomal activity stabilizes persister-like state of colon cancer via feedback repression of the NOX1-mTORC1 pathway. *Cell reports*, 42(6), 112519.