

Resource Summary Report

Generated by SPARC SAWG on Aug 20, 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: 20250820T045943+0000

Record Last Update: 20250820T202943+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 49 mentions in open access literature.

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

Sakamoto S, et al. (2026) Single-Cell Profiling of the Developing Organ of Corti Identifies Etv4/5/1 as Key Regulators of Pillar Cell Identity. bioRxiv : the preprint server for biology.

Jafree DJ, et al. (2026) Osr1-expressing mesoderm contributes to lymphatic vessel assembly and complexity in the mammalian kidney. Cell reports, 45(7), 117560.

Lassila M, et al. (2026) Progressive intestinal tumor cell plasticity, Myc activation, and loss of Lgr5+ tumor stem cell lineage commitment upon Wnt depletion. Science advances, 12(28), eaeb8564.

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.

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.

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

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

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.

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

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

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

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.

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