

Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

Human SOX10 Antibody

RRID:AB_442208

Type: Antibody

Proper Citation

R and D Systems Cat# AF2864, RRID:AB_442208

Antibody Information

URL: http://antibodyregistry.org/AB_442208

Proper Citation: R and D Systems Cat# AF2864, RRID:AB_442208

Target Antigen: SOX10

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Immunohistochemistry, Immunocytochemistry

Antibody Name: Human SOX10 Antibody

Description: This polyclonal targets SOX10

Target Organism: Human

Antibody ID: AB_442208

Vendor: R and D Systems

Catalog Number: AF2864

Alternative Catalog Numbers: AF2864-SP

Record Creation Time: 20250819T223603+0000

Record Last Update: 20250820T024309+0000

Ratings and Alerts

No rating or validation information has been found for Human SOX10 Antibody.

No alerts have been found for Human SOX10 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 73 mentions in open access literature.

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

Muppirala AN, et al. (2026) Tachykinin signaling defines distinct populations of glia in the enteric nervous system. *Neuron*.

Zhu X, et al. (2026) Generating LGE/CGE Organoids from Human Pluripotent Stem Cell-derived Brain Organoids Without External Signal Induction. *Cell reports*, 45(1), 116780.

Yang Y, et al. (2025) A spatiotemporal and machine-learning platform facilitates the manufacturing of hPSC-derived esophageal mucosa. *Developmental cell*, 60(9), 1359.

Engelenburg HJ, et al. (2025) Multiple sclerosis severity variant in DYSF-ZNF638 locus associates with neuronal loss and inflammation. *iScience*, 28(5), 112430.

Avila JA, et al. (2025) Single Cell Profiling in the Sox10Dom Hirschsprung Mouse Implicates Hox Genes in Enteric Neuron Trajectory Allocation. *Cellular and molecular gastroenterology and hepatology*, 101590.

Phelps PE, et al. (2025) Olfactory ensheathing cells from adult female rats are hybrid glia that promote neural repair. *eLife*, 13.

Weidling I, et al. (2025) hiPSC-neurons recapitulate the subtype-specific cell intrinsic nature of susceptibility to neurodegenerative disease-relevant aggregation. *Acta neuropathologica communications*, 13(1), 108.

Chen Q, et al. (2025) SLC44A1 deficiency impedes myelin development in the central nervous system. *Cell reports*, 44(12), 116617.

Zacher AC, et al. (2025) Oligodendrocyte arrangement, identification and morphology in the developing superior olivary complex. *Frontiers in cellular neuroscience*, 19, 1561312.

Embaie BT, et al. (2025) Comparative Single-Cell Transcriptomics of Human Neuroblastoma and Preclinical Models Reveals Conservation of an Adrenergic Cell State. *Cancer research*, 85(6), 1015.

Hansford R, et al. (2025) Glucose-dependent insulinotropic polypeptide receptor signaling in oligodendrocytes increases the weight-loss action of GLP-1R agonism. *Cell metabolism*, 37(9), 1820.

Erickson AG, et al. (2024) Motor innervation directs the correct development of the mouse sympathetic nervous system. *Nature communications*, 15(1), 7065.

Kang M, et al. (2024) Oligodendrocyte-derived laminin-??1 regulates the blood-brain barrier and CNS myelination in mice. *Cell reports*, 43(5), 114123.

Titiz M, et al. (2024) Schwann cell C5aR1 co-opts inflammasome NLRP1 to sustain pain in a mouse model of endometriosis. *Nature communications*, 15(1), 10142.

Hsu J, et al. (2024) Protocol for iterative indirect immunofluorescence imaging in cultured cells, tissue sections, and metaphase chromosome spreads. *STAR protocols*, 5(3), 103190.

Frith ME, et al. (2024) Microbiota-dependent early-life programming of gastrointestinal motility. *iScience*, 27(10), 110895.

Clayton BLL, et al. (2024) Patient iPSC models reveal glia-intrinsic phenotypes in multiple sclerosis. *Cell stem cell*, 31(11), 1701.

Yamamoto S, et al. (2024) Macrophage/microglia-producing transient increase of platelet-activating factor is involved in neuropathic pain. *iScience*, 27(4), 109466.

Giacomoni J, et al. (2024) 3D model for human glia conversion into subtype-specific neurons, including dopamine neurons. *Cell reports methods*, 4(9), 100845.

Patel AA, et al. (2024) TFEB/3 Govern Repair Schwann Cell Generation and Function Following Peripheral Nerve Injury. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(35).