Resource Summary Report

Generated by SPARC SAWG on Aug 10, 2026

Human/Mouse/Rat SOX2 Antibody

RRID:AB_358009
Type: Antibody

Proper Citation

R and D Systems Cat# MAB2018, RRID:AB_358009

Antibody Information

URL: http://antibodyregistry.org/AB_358009

Proper Citation: R and D Systems Cat# MAB2018, RRID:AB_358009

Target Antigen: SOX2

Host Organism: Mouse

Clonality: monoclonal

Comments: Applications: Western Blot, Simple Western, Immunohistochemistry, Intracellular Staining by Flow Cytometry, Immunocytochemistry, CyTOF-reported

Antibody Name: Human/Mouse/Rat SOX2 Antibody

Description: This monoclonal targets SOX2

Target Organism: Human, Rat, Mouse

Clone ID: 245610

Defining Citation: PMID:22791629, PMID:20653035

Antibody ID: AB_358009

Vendor: R and D Systems

Catalog Number: MAB2018

Alternative Catalog Numbers: MAB2018-SP

Record Creation Time: 20250820T045514+0000

Record Last Update: 20250820T201737+0000

Ratings and Alerts

No rating or validation information has been found for Human/Mouse/Rat SOX2 Antibody.

No alerts have been found for Human/Mouse/Rat SOX2 Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 137 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Buchmann S, et al. (2026) Establishment of CRISPR/Cas9-edited LEMD2 knock-in (UKWCHFi001-B-1) and knock-out (UKWCHFi001-B-2) iPSC lines to investigate the mechanisms of LEMD2-associated cardiomyopathy. Stem cell research, 95, 104049.

Rinaldi M, et al. (2026) Generation of a human-induced pluripotent stem cell (hiPSC) line as a cellular model of Fabry disease from a patient carrying the p.A143T variant in the GLA gene (AOUMEYi005-A). Stem cell research, 95, 104058.

Tisch M, et al. (2026) Aberrant calcium signaling and neuronal activity in the L271H CACNA1D (Cav1.3) iPSC model of neurodevelopmental disease. Molecular psychiatry.

Mamun MMA, et al. (2026) Protocol for minimizing necrotic core formation in iPSC-derived cortical organoids. STAR protocols, 7(2), 104609.

Whelan EC, et al. (2026) Generation of spermatogonia from human and non-human primate pluripotent stem cells. Cell stem cell.

Feo F, et al. (2026) Generation of a human induced pluripotent stem cell line (hiPSC) from a patient with DLG4-related synaptopathy (AOUMEYi004-A) and a novel heterozygous de novo nonsense DLG4 variant c.2155A > T p.(Arg719*). Stem cell research, 95, 104059.

Wang M, et al. (2026) Biomaterial-minimalistic photoactivated bioprinting of cell-dense tissues. Cell, 189(1), 106.

Anders M, et al. (2026) Generation of pluripotent stem cell line (IPWi001-A) and a corresponding CRISPR/Cas9 modified isogenic rescue control (IPWi001-A-1) from a patient with arrhythmia-induced cardiomyopathy harboring a KCNQ1 truncating mutation. Stem cell research, 92, 103921.

Daniela H, et al. (2026) Generation of GMP-compliant hiPSC line CTEFi001-A. Stem cell research, 94, 104015.

Rani A, et al. (2025) Sexually Dimorphic Responses Reveal Multifaceted Benefits of Glibenclamide in Traumatic Brain Injury. Journal of neurotrauma, 42(15-16), 1319.

Jung HG, et al. (2025) Control of aging-associated neurodegeneration via hypothalamic extracellular vesicles containing parathymosin. Cell reports, 44(11), 116561.

Tobias IC, et al. (2025) A Sox2 enhancer cluster regulates region-specific neural fates from mouse embryonic stem cells. G3 (Bethesda, Md.), 15(4).

Luo YH, et al. (2025) Generation of human induced pluripotent stem cells with inducible expression of GATA6?Liver cells from hiPSC-GATA6eGFP?. Stem cell research, 87, 103784.

Zhu Y, et al. (2025) Generation of a human induced pluripotent stem cell line from a CHARGE syndrome patient with CHD7 mutation (c.3982C>T). Stem cell research, 90, 103876.

Grüner J, et al. (2025) Generation of the human induced pluripotent stem cell line UKWNLi010 derived from a patient carrying two homozygous single nucleotide polymorphisms (rs2839629 and rs915854) associated with an increased risk of painful bortezomib-induced peripheral neuropathy. Stem cell research, 90, 103898.

Evans EF, et al. (2025) Generation of induced pluripotent stem cell lines TRNDi037-A and TRNDi038-A from two patients with Alagille syndrome carrying heterozygous JAG1 mutations. Stem cell research, 82, 103634.

Karl-Schöller F, et al. (2025) Generation of a gene-corrected human isogenic iPSC line from a patient with Fabry disease carrying the GLA variant c.1069C>T using CRISPR/Cas9-mediated homology directed repair. Stem cell research, 86, 103711.

Myung SS, et al. (2025) Generation of induced pluripotent stem cells from 8 neurotypical individuals with elevated genetic risk for schizophrenia. Stem cell research, 87, 103791.

Patton MH, et al. (2024) Synaptic plasticity in human thalamocortical assembloids. Cell reports, 43(8), 114503.

Lehr S, et al. (2024) Self-organized pattern formation in the developing mouse neural tube by a temporal relay of BMP signaling. Developmental cell.