

Resource Summary Report

Generated by [NIF](#) on Aug 7, 2026

Sox-2 (Y-17) Antibody

RRID:AB_2286684

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-17320, RRID:AB_2286684

Antibody Information

URL: http://antibodyregistry.org/AB_2286684

Proper Citation: Santa Cruz Biotechnology Cat# sc-17320, RRID:AB_2286684

Target Antigen: SOX2

Host Organism: goat

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Antibody Name: Sox-2 (Y-17) Antibody

Description: This polyclonal targets SOX2

Target Organism: rat, mouse, human

Clone ID: Y-17

Defining Citation: [PMID:21192078](#), [PMID:20886617](#), [PMID:19673002](#), [PMID:20235171](#), [PMID:21344407](#), [PMID:20437530](#), [PMID:18626943](#), [PMID:21800309](#), [PMID:16786555](#), [PMID:20852734](#)

Antibody ID: AB_2286684

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-17320

Record Creation Time: 20250820T025537+0000

Record Last Update: 20250820T145303+0000

Ratings and Alerts

No rating or validation information has been found for Sox-2 (Y-17) Antibody.

Warning: Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 228 mentions in open access literature.

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

Vuong CK, et al. (2026) A single-cell multiomic analysis identifies molecular and gene-regulatory mechanisms dysregulated in developing Down syndrome neocortex. Science (New York, N.Y.), 392(6796), eaea1259.

D'Andrea G, et al. (2026) Hydroxytyrosol Mitigates Anxiety-Like Behaviors After a Traumatic Experience in Aged Mice in Parallel With Increased Neurogenesis in the Ventral and Dorsal Dentate Gyrus, and Preservation of Gut Microbiota Composition. Journal of neurochemistry, 170(5), e70448.

Liu Y, et al. (2026) Cellular expression domains of type 3 deiodinase in the meninges, choroid plexus, tanycytes and barrier tissues of the brain. Frontiers in endocrinology, 17, 1789738.

Qiu R, et al. (2026) Targeting mitotic kinesin KIF20A: A differentiation-based therapeutic strategy for glioblastoma stem/progenitor cells. Stem cell reports, 103013.

Yang X, et al. (2026) Heterogeneity of the adult mammalian forebrain neurogenic ependyma: A comprehensive cellular map. Neural regeneration research, 21(6), 2448.

Ishino Y, et al. (2026) LPLAT11/MBOAT7-driven phosphatidylinositol remodeling ensures radial glial cell integrity in developing neocortex. iScience, 29(1), 114248.

Yoldi Bergua I, et al. (2026) Generation and characterization of 5 induced pluripotent stem cell (iPSC) lines from Parkinson's disease patients carrying GBA1 variants. Stem cell research, 91, 103909.

Matmat K, et al. (2026) SIRT1 mediates brain metabolic and developmental consequences of methionine synthase deficiency in inborn errors of cobalamin metabolism. Cell reports. Medicine, 7(3), 102643.

- Bartkowska K, et al. (2025) CacyBP/SIP Protein Regulates the Length and Branching of Neuronal Processes During Cortical Development. *Journal of neurochemistry*, 169(6), e70115.
- Nguyen LD, et al. (2025) Impact of ATF6 deletion on the embryonic brain development. *iScience*, 28(6), 112569.
- Liu Z, et al. (2025) HAND1, partially mediated through ape-specific LTR binding, is essential for human extra-embryonic mesenchyme derivation from iPSCs. *Cell reports*, 44(4), 115568.
- Huang T, et al. (2025) Inhibition of PRC2 enables self-renewal of blastoid-competent naive pluripotent stem cells from chimpanzee. *Cell stem cell*, 32(4), 627.
- Kasakura N, et al. (2025) Role of endogenous NT-3 in neuronal activity and neurogenesis in the hippocampal dentate gyrus. *Neuroscience research*, 218, 104923.
- Wang T, et al. (2025) Graded Hair Cell Ablation Reveals Functional Redundancy in the Mature Mouse Vestibular System. *bioRxiv : the preprint server for biology*.
- Wu J, et al. (2025) Protocol for vibratome sectioning, immunofluorescence, and S-phase labeling of inner ear organoids. *STAR protocols*, 6(3), 104032.
- Matern MS, et al. (2025) A developmental atlas of mouse vestibular-like inner ear organoids. *iScience*, 28(2), 111817.
- Nagao M, et al. (2025) Chromatin remodeler Chd7 regulates reactive astrogliosis after ischemic stroke. *Cell reports*, 44(12), 116590.
- Hu D, et al. (2025) Establishment of human cerebral organoid systems to model early neural development and assess the central neurotoxicity of environmental toxins. *Neural regeneration research*, 20(1), 242.
- Koike T, et al. (2025) Morphological Characterization of Glial Cells Surrounding Cajal's Initial Glomerulus of the Dorsal Root Ganglion Neurons Revealed Myelinating Schwann Cell Production. *Glia*, 73(9), 1883.
- Hayashi S, et al. (2024) OLIG2 translocates to chromosomes during mitosis via a temperature downshift: A novel neural cold response of mitotic bookmarking. *Gene*, 891, 147829.