Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 14, 2025

Rabbit Anti-Bovine S-100 Antibody, Unconjugated

RRID:AB_477501
Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# S2644, RRID:AB_477501)

Antibody Information

URL: http://antibodyregistry.org/AB_477501

Proper Citation: (Sigma-Aldrich Cat# S2644, RRID:AB_477501)

Target Antigen: S-100

Host Organism: rabbit

Clonality: unknown

Comments: Vendor recommendations: Immunohistochemistry; Immunohistochemistry (Paraffin sections)

Antibody Name: Rabbit Anti-Bovine S-100 Antibody, Unconjugated

Description: This unknown targets S-100

Target Organism: guinea pig, rat, bovine, human

Defining Citation: PMID:17348014, PMID:16786555

Antibody ID: AB_477501

Vendor: Sigma-Aldrich

Catalog Number: S2644

Record Creation Time: 20231110T044353+0000

Record Last Update: 20241115T074058+0000

Ratings and Alerts

- Human colon Whole Mount technique staining in Myenteric plexus in Soma shows strong immunostaining. Human colon Whole Mount technique staining in Myenteric plexus in Fibers shows strong immunostaining. Data provided by Brookes lab. - Brookes et al. (2022) via SPARC https://sparc.science/resources/7Mlidjv3RIVrQ11hpBC8PK

No alerts have been found for Rabbit Anti-Bovine S-100 Antibody, Unconjugated.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Qu W, et al. (2025) Chondroitinase ABC combined with Schwann cell transplantation enhances restoration of neural connection and functional recovery following acute and chronic spinal cord injury. Neural regeneration research, 20(5), 1467.

Thumu SCR, et al. (2024) SRF-deficient astrocytes provide neuroprotection in mouse models of excitotoxicity and neurodegeneration. eLife, 13.

Godovalova O, et al. (2024) Heterogeneity in the formation of primary and secondary visual fields during human prenatal development. Biological research, 57(1), 93.

Zhang W, et al. (2023) Reduced graphene oxide-embedded nerve conduits loaded with bone marrow mesenchymal stem cell-derived extracellular vesicles promote peripheral nerve regeneration. Neural regeneration research, 18(1), 200.

Chitrangi S, et al. (2023) Generation of Human Induced Pluripotent Stem Cell line from PBMCs of Healthy Donors using Integration-free Sendai virus Technology. Stem cell research, 69, 103062.

Kálmán M, et al. (2023) Three-plane description of astroglial architecture and gliovascular connections of area postrema in rat: Long tanycyte connections to other parts of brainstem. The Journal of comparative neurology, 531(8), 866.

Su Y, et al. (2022) A single-cell transcriptome atlas of glial diversity in the human hippocampus across the postnatal lifespan. Cell stem cell, 29(11), 1594.

Schira-Heinen J, et al. (2022) Modulation of Specific Sphingosine-1-Phosphate Receptors Augments a Repair Mediating Schwann Cell Phenotype. International journal of molecular

sciences, 23(18).

Li C, et al. (2022) Sustained release of exosomes loaded into polydopamine-modified chitin conduits promotes peripheral nerve regeneration in rats. Neural regeneration research, 17(9), 2050.

Li C, et al. (2022) Polydopamine-modified chitin conduits with sustained release of bioactive peptides enhance peripheral nerve regeneration in rats. Neural regeneration research, 17(11), 2544.

Pappenhagen N, et al. (2022) Stretch stress propels glutamine dependency and glycolysis in optic nerve head astrocytes. Frontiers in neuroscience, 16, 957034.

Jain M, et al. (2021) SRF Is Required for Maintenance of Astrocytes in Non-Reactive State in the Mammalian Brain. eNeuro, 8(1).

Eshiba S, et al. (2021) Stem cell spreading dynamics intrinsically differentiate acral melanomas from nevi. Cell reports, 36(5), 109492.

Li X, et al. (2020) Disseminated Melanoma Cells Transdifferentiate into Endothelial Cells in Intravascular Niches at Metastatic Sites. Cell reports, 31(11), 107765.

Jacob F, et al. (2020) A Patient-Derived Glioblastoma Organoid Model and Biobank Recapitulates Inter- and Intra-tumoral Heterogeneity. Cell, 180(1), 188.

Pearson CA, et al. (2020) Foxp1 Regulates Neural Stem Cell Self-Renewal and Bias Toward Deep Layer Cortical Fates. Cell reports, 30(6), 1964.

Schira J, et al. (2019) Secretome analysis of nerve repair mediating Schwann cells reveals Smad-dependent trophism. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 33(4), 4703.

Zhou Y, et al. (2018) Autocrine Mfge8 Signaling Prevents Developmental Exhaustion of the Adult Neural Stem Cell Pool. Cell stem cell, 23(3), 444.

Heinen A, et al. (2015) Fingolimod induces the transition to a nerve regeneration promoting Schwann cell phenotype. Experimental neurology, 271, 25.

Trujillo-Cenóz O, et al. (2007) Cytological organization of the central gelatinosa in the turtle spinal cord. The Journal of comparative neurology, 502(2), 291.