

Resource Summary Report

Generated by [RRID](#) on Sep 4, 2026

S100 antibody - Astrocyte Marker

RRID:AB_306716

Type: Antibody

Proper Citation

Abcam Cat# ab868, RRID:AB_306716

Antibody Information

URL: http://antibodyregistry.org/AB_306716

Proper Citation: Abcam Cat# ab868, RRID:AB_306716

Target Antigen: S100 antibody - Astrocyte Marker

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunofluorescence; Western Blot; Immunohistochemistry; Immunohistochemistry - fixed; Immunohistochemistry - frozen; ICC/IF, IHC (PFA fixed), IHC-FoFr, IHC-P, WB

Antibody Name: S100 antibody - Astrocyte Marker

Description: This polyclonal targets S100 antibody - Astrocyte Marker

Target Organism: rat, porcine, cow, pig, mouse, bovine, human

Antibody ID: AB_306716

Vendor: Abcam

Catalog Number: ab868

Record Creation Time: 20231110T081145+0000

Record Last Update: 20260829T074400+0000

Ratings and Alerts

No rating or validation information has been found for S100 antibody - Astrocyte Marker.

No alerts have been found for S100 antibody - Astrocyte Marker.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Yang H, et al. (2026) A Zdhhc22-mCherry BAC transgenic mouse line reveals neuronal expression dynamics in the developing and adult CNS. *Brain structure & function*, 231(2), 17.

Matoba K, et al. (2026) Circulating extracellular vesicle microRNAs mediate immune modulation of social behavior in male mice. *Nature communications*, 17(1).

Huisman BD, et al. (2025) Cross-species analyses of thymic mimetic cells reveal evolutionarily ancient origins and both conserved and species-specific elements. *Immunity*, 58(1), 108.

Matoba K, et al. (2025) Circulating extracellular vesicle microRNAs mediate immune modulation of social behavior in mice. *bioRxiv : the preprint server for biology*.

Cheng X, et al. (2024) Astrocytes modulate brain phosphate homeostasis via polarized distribution of phosphate uptake transporter PiT2 and exporter XPR1. *Neuron*, 112(18), 3126.

González-Arias C, et al. (2023) Dysfunctional serotonergic neuron-astrocyte signaling in depressive-like states. *Molecular psychiatry*, 28(9), 3856.

Daboussi L, et al. (2023) Mitf is a Schwann cell sensor of axonal integrity that drives nerve repair. *Cell reports*, 42(11), 113282.

Lee H, et al. (2023) ApoE4-dependent lysosomal cholesterol accumulation impairs mitochondrial homeostasis and oxidative phosphorylation in human astrocytes. *Cell reports*, 42(10), 113183.

Zhou J, et al. (2022) NMDA receptor-dependent prostaglandin-endoperoxide synthase 2 induction in neurons promotes glial proliferation during brain development and injury. *Cell reports*, 38(13), 110557.

Sowmithra S, et al. (2022) Recovery of Human Embryonic Stem Cells-Derived Neural Progenitors Exposed to Hypoxic-Ischemic-Reperfusion Injury by Indirect Exposure to Wharton's Jelly Mesenchymal Stem Cells Through Phosphatidylinositol-3-Kinase Pathway. *Cellular and molecular neurobiology*, 42(4), 1167.

Mederos S, et al. (2022) Protocol to downregulate GABAergic-astrocyte signaling via astrocyte-selective ablation of GABAB receptor in adult mice. STAR protocols, 3(4), 101667.

Astro V, et al. (2022) Fine-tuned KDM1A alternative splicing regulates human cardiomyogenesis through an enzymatic-independent mechanism. iScience, 25(7), 104665.

Padmashri R, et al. (2021) Modeling human-specific interlaminar astrocytes in the mouse cerebral cortex. The Journal of comparative neurology, 529(4), 802.

Mederos S, et al. (2020) Melanopsin for Time-Controlling Activation of Astrocyte -Neuron Networks. Methods in molecular biology (Clifton, N.J.), 2173, 53.

Alowaysi M, et al. (2020) Generation of two iPSC lines (KAUSTi001-A, KAUSTi002-A) from a rare high-grade Klinefelter Syndrome patient (49-XXXXY) carrying a balanced translocation t(4,11) (q35,q23). Stem cell research, 49, 102098.

Oikari LE, et al. (2020) HSPGs glypican-1 and glypican-4 are human neuronal proteins characteristic of different neural phenotypes. Journal of neuroscience research, 98(8), 1619.

Hu Z, et al. (2020) CNTF-STAT3-IL-6 Axis Mediates Neuroinflammatory Cascade across Schwann Cell-Neuron-Microglia. Cell reports, 31(7), 107657.

Chrysostomou E, et al. (2020) The Notch Ligand Jagged1 Is Required for the Formation, Maintenance, and Survival of Hensen's Cells in the Mouse Cochlea. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(49), 9401.

Alowaysi M, et al. (2020) Generation of iPSC lines (KAUSTi011-A, KAUSTi011-B) from a Saudi patient with epileptic encephalopathy carrying homozygous mutation in the GLP1R gene. Stem cell research, 50, 102148.

Fiacco E, et al. (2020) Generation of an iPSC cohort of isogenic iPSC lines (46-XY and 47-XXY) from a non-mosaic Klinefelter Syndrome patient (47-XXY) (KAUSTi008-A, KAUSTi008-B, KAUSTi008-C, KAUSTi008-D, KAUSTi008-E, KAUSTi008-F, KAUSTi008-G). Stem cell research, 50, 102119.