

# Resource Summary Report

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

## Rabbit Anti-S100 Polyclonal Antibody, Unconjugated

RRID:AB\_306716

Type: Antibody

### Proper Citation

Abcam Cat# ab868, RRID:AB\_306716

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_306716](http://antibodyregistry.org/AB_306716)

**Proper Citation:** Abcam Cat# ab868, RRID:AB\_306716

**Target Antigen:** S100 - Astrocyte Marker

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: Immunofluorescence; Immunohistochemistry; Western Blot; Immunocytochemistry/Immunofluorescence, Immunohistochemistry (PFA fixed), Immunohistochemistry-P, Western Blot

**Antibody Name:** Rabbit Anti-S100 Polyclonal Antibody, Unconjugated

**Description:** This polyclonal targets S100 - Astrocyte Marker

**Target Organism:** rat, porcine, mouse, bovine, human

**Antibody ID:** AB\_306716

**Vendor:** Abcam

**Catalog Number:** ab868

**Record Creation Time:** 20231110T045043+0000

**Record Last Update:** 20260829T105850+0000

### Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-S100 Polyclonal Antibody, Unconjugated.

No alerts have been found for Rabbit Anti-S100 Polyclonal Antibody, Unconjugated.

---

## 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.

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

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.

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.