

Resource Summary Report

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Glutamine Synthetase

RRID:AB_397880

Type: Antibody

Proper Citation

BD Biosciences Cat# 610518, RRID:AB_397880

Antibody Information

URL: http://antibodyregistry.org/AB_397880

Proper Citation: BD Biosciences Cat# 610518, RRID:AB_397880

Target Antigen: Glutamine Synthetase

Host Organism: mouse

Clonality: monoclonal

Comments: Immunofluorescence, Western blot

Antibody Name: Glutamine Synthetase

Description: This monoclonal targets Glutamine Synthetase

Target Organism: rat

Defining Citation: [PMID:23296739](#), [PMID:18399542](#)

Antibody ID: AB_397880

Vendor: BD Biosciences

Catalog Number: 610518

Record Creation Time: 20250820T030121+0000

Record Last Update: 20250820T150850+0000

Ratings and Alerts

No rating or validation information has been found for Glutamine Synthetase.

No alerts have been found for Glutamine Synthetase.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Sherman MS, et al. (2025) Harmonizing TUNEL with multiplexed iterative immunofluorescence enriches spatial contextualization of cell death. *Cell reports methods*, 5(5), 101047.

Masri RA, et al. (2025) Immunohistochemistry and Spatial Density of Müller Cells in the Human Fovea. *Investigative ophthalmology & visual science*, 66(2), 46.

Tzouanas CN, et al. (2025) Hepatic adaptation to chronic metabolic stress primes tumorigenesis. *Cell*.

Toma K, et al. (2024) Perivascular neurons instruct 3D vascular lattice formation via neurovascular contact. *Cell*, 187(11), 2767.

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.

Bai X, et al. (2023) In the mouse cortex, oligodendrocytes regain a plastic capacity, transforming into astrocytes after acute injury. *Developmental cell*, 58(13), 1153.

Yugami M, et al. (2023) Sbp2l contributes to oligodendrocyte maturation through translational control in Tcf7l2 signaling. *iScience*, 26(12), 108451.

Zhao M, et al. (2023) Osteopontin drives retinal ganglion cell resiliency in glaucomatous optic neuropathy. *Cell reports*, 42(9), 113038.

Xin Y, et al. (2022) m6A epitranscriptomic modification regulates neural progenitor-to-glia cell transition in the retina. *eLife*, 11.

Gómez-Salineró JM, et al. (2022) Specification of fetal liver endothelial progenitors to functional zonated adult sinusoids requires c-Maf induction. *Cell stem cell*, 29(4), 593.

Masri RA, et al. (2021) Composition of the Inner Nuclear Layer in Human Retina. *Investigative ophthalmology & visual science*, 62(9), 22.

Cavino K, et al. (2021) Glucagon Receptor Inhibition Reduces Hyperammonemia and Lethality in Male Mice with Urea Cycle Disorder. *Endocrinology*, 162(1).

Lin B, et al. (2020) Retina Organoid Transplants Develop Photoreceptors and Improve Visual Function in RCS Rats With RPE Dysfunction. *Investigative ophthalmology & visual science*, 61(11), 34.

Katoozi S, et al. (2020) Functional specialization of retinal Müller cell endfeet depends on an interplay between two syntrophin isoforms. *Molecular brain*, 13(1), 40.

Riou R, et al. (2020) ARID1A loss in adult hepatocytes activates β -catenin-mediated erythropoietin transcription. *eLife*, 9.

Kálmán M, et al. (2019) Three-plane description of astroglial populations of OVLT subdivisions in rat: Tanycyte connections to distant parts of third ventricle. *The Journal of comparative neurology*, 527(17), 2793.

Clark BS, et al. (2019) Single-Cell RNA-Seq Analysis of Retinal Development Identifies NFI Factors as Regulating Mitotic Exit and Late-Born Cell Specification. *Neuron*, 102(6), 1111.

Alves CH, et al. (2019) CRB2 Loss in Rod Photoreceptors Is Associated with Progressive Loss of Retinal Contrast Sensitivity. *International journal of molecular sciences*, 20(17).

Weltzien F, et al. (2015) Analysis of bipolar and amacrine populations in marmoset retina. *The Journal of comparative neurology*, 523(2), 313.