

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

Glutamine Synthetase antibody

RRID:AB_1140869

Type: Antibody

Proper Citation

Abcam Cat# ab64613, RRID:AB_1140869

Antibody Information

URL: http://antibodyregistry.org/AB_1140869

Proper Citation: Abcam Cat# ab64613, RRID:AB_1140869

Target Antigen: Glutamine Synthetase antibody

Host Organism: mouse

Clonality: monoclonal

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

Antibody Name: Glutamine Synthetase antibody

Description: This monoclonal targets Glutamine Synthetase antibody

Target Organism: rat, drosophilaarthropod, mouse, zebrafishfish, zebrafish, human

Antibody ID: AB_1140869

Vendor: Abcam

Catalog Number: ab64613

Record Creation Time: 20250819T235656+0000

Record Last Update: 20250820T065444+0000

Ratings and Alerts

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

No alerts have been found for Glutamine Synthetase antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Wang Y, et al. (2026) LncRNA DANCER Activates p38/mTOR-Mediated Autophagy via ANXA2 to Exacerbate Oxygen-Induced Retinal Neovascularization in Mice. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(1), e71364.

Qi R, et al. (2025) PRMT2-mediated upregulation of miR-323-3p in sensory neurons promotes trigeminal neuropathic pain by targeting Kv2.1 channels. Cell reports, 44(8), 116028.

Sun Q, et al. (2025) Potentiation of visualized exosomal miR-1306-3p from primary sensory neurons contributes to chronic visceral pain via spinal P2X3 receptors. Pain, 166(9), 2054.

Wu Z, et al. (2025) Peripheral nervous system microglia-like cells regulate neuronal soma size throughout evolution. Cell, 188(8), 2159.

Wu X, et al. (2024) Angiogenic and Fibrogenic Dual-effect of Gremlin1 on Proliferative Diabetic Retinopathy. International journal of biological sciences, 20(3), 897.

Feng YH, et al. (2024) Contribution of inwardly rectifying potassium channel 4.1 in orofacial neuropathic pain: Regulation of pannexin 3 via the reactive oxygen species-activated P38 MAPK signal pathway. The European journal of neuroscience, 60(4), 4569.

Li YK, et al. (2023) Metabotropic glutamate receptor 5-mediated inhibition of inward-rectifying K⁺ channel 4.1 contributes to orofacial ectopic mechanical allodynia following inferior alveolar nerve transection in male mice. Journal of neuroscience research, 101(7), 1170.

O'Donnell JC, et al. (2021) An implantable human stem cell-derived tissue-engineered rostral migratory stream for directed neuronal replacement. Communications biology, 4(1), 879.

Van Houcke J, et al. (2021) Aging impairs the essential contributions of non-glial progenitors to neurorepair in the dorsal telencephalon of the Killifish *Nothobranchius furzeri*. Aging cell, 20(9), e13464.

Tang Y, et al. (2021) Nicotinamide ameliorates energy deficiency and improves retinal function in Cav-1^{-/-} mice. *Journal of neurochemistry*, 157(3), 550.

Liang KX, et al. (2020) Disease-specific phenotypes in iPSC-derived neural stem cells with POLG mutations. *EMBO molecular medicine*, 12(10), e12146.

Hamon A, et al. (2019) Linking YAP to Müller Glia Quiescence Exit in the Degenerative Retina. *Cell reports*, 27(6), 1712.

Pavlova NN, et al. (2018) As Extracellular Glutamine Levels Decline, Asparagine Becomes an Essential Amino Acid. *Cell metabolism*, 27(2), 428.

Heller JP, et al. (2017) Probing nano-organization of astroglia with multi-color super-resolution microscopy. *Journal of neuroscience research*, 95(11), 2159.