Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 11, 2025

Glutamine Synthetase

RRID:AB_397879
Type: Antibody

Proper Citation

(BD Biosciences Cat# 610517, RRID:AB_397879)

Antibody Information

URL: http://antibodyregistry.org/AB_397879

Proper Citation: (BD Biosciences Cat# 610517, RRID:AB_397879)

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:21192079, PMID:17120293, PMID:18680202, PMID:18626943, PMID:18613120, PMID:17154255

Antibody ID: AB_397879

Vendor: BD Biosciences

Catalog Number: 610517

Record Creation Time: 20231110T044614+0000

Record Last Update: 20241115T011208+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 36 mentions in open access literature.

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

Meyer M, et al. (2024) Stress-induced Neuroinflammation of the Spinal Cord is Restrained by Cort113176 (Dazucorilant), A Specific Glucocorticoid Receptor Modulator. Molecular neurobiology, 61(1), 1.

Esperante IJ, et al. (2024) Testosterone Reduces Myelin Abnormalities in the Wobbler Mouse Model of Amyotrophic Lateral Sclerosis. Biomolecules, 14(4).

Ang CH, et al. (2024) Self-maintenance of zonal hepatocytes during adult homeostasis and their complex plasticity upon distinct liver injuries. Cell reports, 44(1), 115093.

Baytas O, et al. (2024) Loss of mitochondrial enzyme GPT2 leads to reprogramming of synaptic glutamate metabolism. Molecular brain, 17(1), 87.

Keeley PW, et al. (2023) Nfia Is Critical for AII Amacrine Cell Production: Selective Bipolar Cell Dependencies and Diminished ERG. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(49), 8367.

Schulte A, et al. (2023) Unbiased analysis of the dorsal root ganglion after peripheral nerve injury: no neuronal loss, no gliosis, but satellite glial cell plasticity. Pain, 164(4), 728.

Meyer M, et al. (2023) Early Signs of Neuroinflammation in the Postnatal Wobbler Mouse Model of Amyotrophic Lateral Sclerosis. Cellular and molecular neurobiology, 43(5), 2149.

Albrecht NE, et al. (2022) Rapid 3D-STORM imaging of diverse molecular targets in tissue. Cell reports methods, 2(7), 100253.

Xu S, et al. (2021) TAZ inhibits glucocorticoid receptor and coordinates hepatic glucose homeostasis in normal physiological states. eLife, 10.

Gehlen J, et al. (2021) Excitatory Amino Acid Transporter EAAT5 Improves Temporal Resolution in the Retina. eNeuro, 8(6).

Nakashima H, et al. (2021) MeCP2 controls neural stem cell fate specification through miR-199a-mediated inhibition of BMP-Smad signaling. Cell reports, 35(7), 109124.

Ormel L, et al. (2020) GABA, but Not Bestrophin-1, Is Localized in Astroglial Processes in the Mouse Hippocampus and the Cerebellum. Frontiers in molecular neuroscience, 13, 135.

Chen F, et al. (2020) Broad Distribution of Hepatocyte Proliferation in Liver Homeostasis and Regeneration. Cell stem cell, 26(1), 27.

Qiu Z, et al. (2019) A Pharmacogenomic Landscape in Human Liver Cancers. Cancer cell, 36(2), 179.

Adebayo Michael AO, et al. (2019) Inhibiting Glutamine-Dependent mTORC1 Activation Ameliorates Liver Cancers Driven by ?-Catenin Mutations. Cell metabolism, 29(5), 1135.

Keeley PW, et al. (2018) DNER and NFIA are expressed by developing and mature AII amacrine cells in the mouse retina. The Journal of comparative neurology, 526(3), 467.

Koh S, et al. (2018) Subretinal Human Umbilical Tissue-Derived Cell Transplantation Preserves Retinal Synaptic Connectivity and Attenuates Müller Glial Reactivity. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(12), 2923.

Shah AK, et al. (2018) Metabolic enzymes in glial cells of the honeybee brain and their associations with aging, starvation and food response. PloS one, 13(6), e0198322.

Zhang K, et al. (2018) In Vitro Expansion of Primary Human Hepatocytes with Efficient Liver Repopulation Capacity. Cell stem cell, 23(6), 806.

Ing-Esteves S, et al. (2018) Combinatorial Effects of Alpha- and Gamma-Protocadherins on Neuronal Survival and Dendritic Self-Avoidance. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(11), 2713.