

Resource Summary Report

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GFAP (2E1)

RRID:AB_627673

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-33673, RRID:AB_627673)

Antibody Information

URL: http://antibodyregistry.org/AB_627673

Proper Citation: (Santa Cruz Biotechnology Cat# sc-33673, RRID:AB_627673)

Target Antigen: GFAP (2E1)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: Immunohistochemistry; Immunoprecipitation; Immunocytochemistry; Western Blot; WB, IP, IF, IHC(P); Immunofluorescence

Antibody Name: GFAP (2E1)

Description: This monoclonal targets GFAP (2E1)

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

Antibody ID: AB_627673

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-33673

Record Creation Time: 20241016T232707+0000

Record Last Update: 20241017T004219+0000

Ratings and Alerts

No rating or validation information has been found for GFAP (2E1).

No alerts have been found for GFAP (2E1).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Guardigni M, et al. (2024) Integrating a quinone substructure into histone deacetylase inhibitors to cope with Alzheimer's disease and cancer. RSC medicinal chemistry, 15(6), 2045.

Hendriks D, et al. (2024) Human fetal brain self-organizes into long-term expanding organoids. Cell, 187(3), 712.

Cao J, et al. (2024) Ruxolitinib improves the inflammatory microenvironment, restores glutamate homeostasis, and promotes functional recovery after spinal cord injury. Neural regeneration research, 19(11), 2499.

Wang W, et al. (2024) RNA fusion in human retinal development. eLife, 13.

Li J, et al. (2024) The role of age-associated alpha-synuclein aggregation in a conditional transgenic mouse model of Parkinson's disease: Implications for Lewy body formation. Journal of neurochemistry, 168(7), 1215.

Davleeva MA, et al. (2023) Molecular and cellular changes in the post-traumatic spinal cord remodeling after autotransfusion of a genetically-enriched leucoconcentrate in a mini-pig model. Neural regeneration research, 18(7), 1505.

Xia Q, et al. (2023) SENP3-mediated deSUMOylation of c-Jun facilitates microglia-induced neuroinflammation after cerebral ischemia and reperfusion injury. iScience, 26(6), 106953.

Carapia AK, et al. (2023) Müller Glia to Müller Glia Extracellular Vesicle-Dependent Signaling Induces Multipotency Genes Nestin and lin28 Expression in Response to N-methyl-D-aspartate (NMDA) Exposure. ASN neuro, 15, 17590914231183272.

Tan HY, et al. (2022) cGAS and DDX41-STING mediated intrinsic immunity spreads intercellularly to promote neuroinflammation in SOD1 ALS model. iScience, 25(6), 104404.

Tulin EKC, et al. (2022) Recombinant lectin Gg for brain imaging of glycan structure and formation in the CNS node of Ranvier. *Journal of neurochemistry*, 163(6), 461.

Cui D, et al. (2021) Alleviation of brain injury by applying TGN-020 in the supraoptic nucleus via inhibiting vasopressin neurons in rats of focal ischemic stroke. *Life sciences*, 264, 118683.

Borgonetti V, et al. (2021) Targeting the RNA-Binding Protein HuR Alleviates Neuroinflammation in Experimental Autoimmune Encephalomyelitis: Potential Therapy for Multiple Sclerosis. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*, 18(1), 412.

Saitta KS, et al. (2021) CHPG enhances BDNF and myelination in cuprizone-treated mice through astrocytic metabotropic glutamate receptor 5. *Glia*, 69(8), 1950.

Poeta E, et al. (2021) Histone Acetylation Defects in Brain Precursor Cells: A Potential Pathogenic Mechanism Causing Proliferation and Differentiation Dysfunctions in Mitochondrial Aspartate-Glutamate Carrier Isoform 1 Deficiency. *Frontiers in cellular neuroscience*, 15, 773709.

Guo S, et al. (2021) Photobiomodulation Promotes Hippocampal CA1 NSC Differentiation Toward Neurons and Facilitates Cognitive Function Recovery Involving NLRP3 Inflammasome Mitigation Following Global Cerebral Ischemia. *Frontiers in cellular neuroscience*, 15, 731855.

Leibinger M, et al. (2021) Transneuronal delivery of hyper-interleukin-6 enables functional recovery after severe spinal cord injury in mice. *Nature communications*, 12(1), 391.

Kapur M, et al. (2020) Expression of the Neuronal tRNA n-Tr20 Regulates Synaptic Transmission and Seizure Susceptibility. *Neuron*, 108(1), 193.

Wang R, et al. (2020) Isolation and Culture of Primary Neurons and Glia from Adult Rat Urinary Bladder. *Journal of visualized experiments : JoVE*(159).

Cui D, et al. (2020) Alleviation of Cerebral Infarction of Rats With Middle Cerebral Artery Occlusion by Inhibition of Aquaporin 4 in the Supraoptic Nucleus. *ASN neuro*, 12, 1759091420960550.

Koike T, et al. (2019) Morphological characteristics of p75 neurotrophin receptor-positive cells define a new type of glial cell in the rat dorsal root ganglia. *The Journal of comparative neurology*, 527(12), 2047.