

Resource Summary Report

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GFAP antibody [GF5] - Astrocyte Marker

RRID:AB_296804

Type: Antibody

Proper Citation

(Abcam Cat# ab10062, RRID:AB_296804)

Antibody Information

URL: http://antibodyregistry.org/AB_296804

Proper Citation: (Abcam Cat# ab10062, RRID:AB_296804)

Target Antigen: GFAP antibody [GF5] - Astrocyte Marker

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012:2b;2 ELISA, ICC, ICC/IF, IF, IHC-FoFr, IHC-Fr, IHC-P, WB; Western Blot; Immunofluorescence; Immunohistochemistry; ELISA; Immunohistochemistry - frozen; Immunocytochemistry; Immunohistochemistry - fixed

Antibody Name: GFAP antibody [GF5] - Astrocyte Marker

Description: This monoclonal targets GFAP antibody [GF5] - Astrocyte Marker

Target Organism: rat, mouse, human

Antibody ID: AB_296804

Vendor: Abcam

Catalog Number: ab10062

Record Creation Time: 20241017T002320+0000

Record Last Update: 20241017T020744+0000

Ratings and Alerts

No rating or validation information has been found for GFAP antibody [GF5] - Astrocyte Marker.

No alerts have been found for GFAP antibody [GF5] - Astrocyte Marker.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Zhou X, et al. (2024) Matrilin-3 supports neuroprotection in ischemic stroke by suppressing astrocyte-mediated neuroinflammation. *Cell reports*, 43(4), 113980.

Lang HL, et al. (2023) Small extracellular vesicles secreted by induced pluripotent stem cell-derived mesenchymal stem cells improve postoperative cognitive dysfunction in mice with diabetes. *Neural regeneration research*, 18(3), 609.

Li Y, et al. (2023) Nicotinic acetylcholine signaling is required for motor learning but not for rehabilitation from spinal cord injury. *Neural regeneration research*, 18(2), 364.

Liu J, et al. (2023) Induced neural stem cells suppressed neuroinflammation by inhibiting the microglial pyroptotic pathway in intracerebral hemorrhage rats. *iScience*, 26(7), 107022.

Deng YF, et al. (2023) Intrathecal liproxstatin-1 delivery inhibits ferroptosis and attenuates mechanical and thermal hypersensitivities in rats with complete Freund's adjuvant-induced inflammatory pain. *Neural regeneration research*, 18(2), 456.

Wang J, et al. (2022) Extracellular vesicles mediate the communication of adipose tissue with brain and promote cognitive impairment associated with insulin resistance. *Cell metabolism*, 34(9), 1264.

Hajal C, et al. (2022) Engineered human blood-brain barrier microfluidic model for vascular permeability analyses. *Nature protocols*, 17(1), 95.

Huang CY, et al. (2022) Population-based high-throughput toxicity screen of human iPSC-derived cardiomyocytes and neurons. *Cell reports*, 39(1), 110643.

Vignoli B, et al. (2021) Astrocytic microdomains from mouse cortex gain molecular control over long-term information storage and memory retention. *Communications biology*, 4(1), 1152.

Vilcaes AA, et al. (2021) Interneuronal exchange and functional integration of synaptobrevin via extracellular vesicles. *Neuron*, 109(6), 971.

Liu YJ, et al. (2021) Microglia Elimination Increases Neural Circuit Connectivity and Activity in Adult Mouse Cortex. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(6), 1274.

Fang H, et al. (2021) MicroRNA-22-3p alleviates spinal cord ischemia/reperfusion injury by modulating M2 macrophage polarization via IRF5. *Journal of neurochemistry*, 156(1), 106.

Wang Y, et al. (2020) PCC0208009, an indirect IDO1 inhibitor, alleviates neuropathic pain and co-morbidities by regulating synaptic plasticity of ACC and amygdala. *Biochemical pharmacology*, 177, 113926.

Pratap AA, et al. (2020) Altered Brain Leptin and Leptin Receptor Expression in the 5XFAD Mouse Model of Alzheimer's Disease. *Pharmaceuticals (Basel, Switzerland)*, 13(11).

Pratap AA, et al. (2020) Altered Brain Adiponectin Receptor Expression in the 5XFAD Mouse Model of Alzheimer's Disease. *Pharmaceuticals (Basel, Switzerland)*, 13(7).

Rong Z, et al. (2020) Activation of FAK/Rac1/Cdc42-GTPase signaling ameliorates impaired microglial migration response to A β 42 in triggering receptor expressed on myeloid cells 2 loss-of-function murine models. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 34(8), 10984.

Zhou LY, et al. (2020) Muscone suppresses inflammatory responses and neuronal damage in a rat model of cervical spondylotic myelopathy by regulating Drp1-dependent mitochondrial fission. *Journal of neurochemistry*, 155(2), 154.

Binning W, et al. (2020) Chronic hM3Dq signaling in microglia ameliorates neuroinflammation in male mice. *Brain, behavior, and immunity*, 88, 791.

Fesharaki-Zadeh A, et al. (2020) Increased Behavioral Deficits and Inflammation in a Mouse Model of Co-Morbid Traumatic Brain Injury and Post-Traumatic Stress Disorder. *ASN neuro*, 12, 1759091420979567.

Griffiths BB, et al. (2019) Postinjury Inhibition of miR-181a Promotes Restoration of Hippocampal CA1 Neurons after Transient Forebrain Ischemia in Rats. *eNeuro*, 6(4).