Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 6, 2024

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: human, mouse, rat

Antibody ID: AB_296804

Vendor: Abcam

Catalog Number: ab10062

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 27 mentions in open access literature.

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

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.

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.

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.

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).

Rong Z, et al. (2020) Activation of FAK/Rac1/Cdc42-GTPase signaling ameliorates impaired microglial migration response to A?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.

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

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.

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).

Liu B, et al. (2019) Isovitexin-Mediated Regulation of Microglial Polarization in Lipopolysaccharide-Induced Neuroinflammation via Activation of the CaMKK?/AMPK-PGC-1? Signaling Axis. Frontiers in immunology, 10, 2650.

Glatigny M, et al. (2019) Autophagy Is Required for Memory Formation and Reverses Age-Related Memory Decline. Current biology: CB, 29(3), 435.