

Resource Summary Report

Generated by [RRID](#) on Aug 10, 2026

GFAP antibody

RRID:AB_2109646

Type: Antibody

Proper Citation

Proteintech Cat# 16825-1-AP, RRID:AB_2109646

Antibody Information

URL: http://antibodyregistry.org/AB_2109646

Proper Citation: Proteintech Cat# 16825-1-AP, RRID:AB_2109646

Target Antigen: GFAP

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product.
Applications: WB, IHC, IF, ELISA

Antibody Name: GFAP antibody

Description: This polyclonal targets GFAP

Target Organism: rat, hamster, hamsters, swine, mouse, human

Antibody ID: AB_2109646

Vendor: Proteintech

Catalog Number: 16825-1-AP

Record Creation Time: 20250820T023158+0000

Record Last Update: 20250820T135048+0000

Ratings and Alerts

No rating or validation information has been found for GFAP antibody.

No alerts have been found for GFAP antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 53 mentions in open access literature.

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

Guo M, et al. (2026) Gypenosides ameliorate depression by modulating microglial state transition via the NLRP3/Caspase-1/ASC signaling pathway. *Phytomedicine : international journal of phytotherapy and phytopharmacology*, 156, 158189.

Shen Y, et al. (2026) CCL1-AMFR Facilitates Glioblastoma Progression by Modulating the Cross-talk between Glioma Cells and Tumor-Associated Macrophages. *Cancer immunology research*, 14(4), 676.

Tang R, et al. (2026) TPPU protects against seizures and seizure-associated comorbidities by inhibiting the Akt/mTOR signaling pathway in KA-induced convulsant mice. *Frontiers in immunology*, 17, 1850303.

Iqbal MK, et al. (2026) Protective effect of scorpion-venom heat-resistant peptide (SVHRSP) against depression associated with Parkinson's disease via suppression of CREB-Akt pathway-mediated inflammation. *British journal of pharmacology*, 183(11), 2820.

Zou Y, et al. (2026) Blood-brain barrier-penetrative lipid nanoparticles enable systemic delivery of TRIM11 mRNA to disaggregate Tau in Alzheimer's disease models. *Cell reports. Medicine*, 7(3), 102685.

Song H, et al. (2026) Andrographolide attenuates microglial senescence in Alzheimer's disease mice by suppressing the STAT3 signaling. *iScience*, 29(6), 116033.

Liu X, et al. (2026) Design, synthesis, and biological evaluation of pyranone-carbamate hybrids as selective butyrylcholinesterase inhibitors with anti-neuroinflammatory activity for Alzheimer's disease. *Bioorganic chemistry*, 176, 109887.

Yang Z, et al. (2026) Macrophage-mediated brain-bone marrow crosstalk promotes chronic stress-induced glioma growth. *Cancer cell*.

Zhou W, et al. (2025) Visualization of P2X7 Receptors in Living Human Gliomas: An 18F-GSK1482160 PET Imaging and Neuropathology Study. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(11), 2183.

Mu Y, et al. (2025) Müller cells are activated in response to retinal outer nuclear layer degeneration in rats subjected to simulated weightlessness conditions. *Neural regeneration research*, 20(7), 2116.

Song Z, et al. (2025) Innate immune sensing of Z-nucleic acids by ZBP1-RIPK1 axis drives neuroinflammation in Alzheimer's disease. *Immunity*.

Zhao Z, et al. (2025) Metabolic Remodeling During the Early Phase of Spontaneous Seizure Emergence Highlights Hexosamine Biosynthetic Pathway Dysregulation in Temporal Lobe Epilepsy. *Journal of neurochemistry*, 169(12), e70314.

Walker WP, et al. (2025) Neuronal Deletion of Tumor Susceptibility Gene 101 (Tsg101) Causes Rapid Apoptotic Loss of Hippocampal CA3 Neurons. *Biomolecules*, 15(6).

Liu X, et al. (2025) A novel carbamate-based hybrid derivative with anti-neuroinflammatory properties as a selective butyrylcholinesterase inhibitor for Alzheimer's disease therapy. *Bioorganic chemistry*, 161, 108551.

Huang Q, et al. (2025) Astragalin rescues Cadmium-induced cognitive decline by revering glial metabolic reprogramming and neuroinflammation via the mTOR/HIF-1 α axis. *Neuroscience*, 588, 31.

Zhou Y, et al. (2025) Soluble CSF1R alleviates microgliopathy in a CSF1R-related leukoencephalopathy (CRL) mouse model. *Journal of neuroinflammation*, 23(1), 12.

Hayashi Y, et al. (2025) Glial cells missing 1 triggers gliosis and angiogenesis after neonatal brain injury. *iScience*, 28(11), 113860.

Kusakari S, et al. (2025) Excessive expression of progranulin leads to neurotoxicity rather than neuroprotection. *Neurobiology of disease*, 209, 106895.

Cao Y, et al. (2025) Hepatic acetyl-CoA metabolism modulates neuroinflammation and depression susceptibility via acetate. *Cell metabolism*.

He Q, et al. (2024) Acetate enables metabolic fitness and cognitive performance during sleep disruption. *Cell metabolism*, 36(9), 1998.