

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

GFAP antibody

RRID:AB_880202

Type: Antibody

Proper Citation

Abcam Cat# ab53554, RRID:AB_880202

Antibody Information

URL: http://antibodyregistry.org/AB_880202

Proper Citation: Abcam Cat# ab53554, RRID:AB_880202

Target Antigen: GFAP antibody

Host Organism: goat

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA, ICC/IF, IHC-Fr, IHC-FrFI, sELISA, WB; ELISA; Immunohistochemistry - frozen; Immunohistochemistry; Western Blot; Immunofluorescence; Immunocytochemistry

Antibody Name: GFAP antibody

Description: This polyclonal targets GFAP antibody

Target Organism: Human, Rat, Mouse

Antibody ID: AB_880202

Vendor: Abcam

Catalog Number: ab53554

Record Creation Time: 20231110T075653+0000

Record Last Update: 20260831T203122+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 142 mentions in open access literature.

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

Li M, et al. (2026) Dual adeno-associated virus system for selective and sparse labeling of astrocytes. *Neural regeneration research*, 21(7), 3083.

Dolci S, et al. (2026) Tumor-associated macrophages enhance peripheral nerve tumor infiltration and spinal cord repair. *Immunity*, 59(2), 438.

Dai L, et al. (2026) Activation status of astrocytes drives the MS/NMOSD therapeutic paradox: Insights from IFNAR1 signaling. *Cell reports*, 45(2), 116913.

Rodwell-Bullock J, et al. (2026) BAG3 modulates clathrin-mediated endocytosis and tau uptake in astrocytes. *American journal of physiology. Cell physiology*, 330(5), C1286.

Davis AC, et al. (2026) Interleukin-1 receptor-1 signaling mediates neuroinflammation, neuronal injury, and cognitive decline after diffuse traumatic brain injury. *Brain, behavior, and immunity*, 135, 106524.

Nguyen N, et al. (2026) Transcranial microtesla magnetic fields suppress neuroinflammation and neuronal oxidative stress burden. *iScience*, 29(1), 114425.

Zhu M, et al. (2026) Minimizing far-extending chromatin perturbation in genome editing preserves stem cell identity. *Cell stem cell*, 33(3), 470.

Mohan N, et al. (2026) Modeling spastic paraplegia 4 with corticospinal motor neuron-enriched cortical organoids reveals genotype-phenotype and HDAC6-targetable pathology. *Cell reports*, 45(3), 117036.

de la Monte SM, et al. (2026) Molecular and biochemical correlates of frontal lobe white matter degeneration in humans with alcohol use disorder. *Advances in drug and alcohol research*, 6, 15431.

Navarro Negredo P, et al. (2026) Targeting immune cells in the aged brain reveals that engineered cytokine IL-10 enhances neurogenesis and improves cognition. *Immunity*, 59(2), 458.

Kim J, et al. (2026) Electromagnetic field-inducible in vivo gene switch for remote spatiotemporal control of gene expression. *Cell*, 189(11), 3465.

Wang X, et al. (2026) Astrocytic glucose metabolism regulates the survival of newborn hippocampal neurons in the adult brain. *Neuron*.

Carver CM, et al. (2026) Spatial mapping and senolytic targeting of senescent and disease-associated microglia in aged mouse brain white matter. *Nature aging*, 6(7), 1417.

De Beuckeleer S, et al. (2025) Unbiased identification of cell identity in dense mixed neural cultures. *eLife*, 13.

Li L, et al. (2025) $\alpha 2$ integrin regulates neutrophil trans endothelial migration following traumatic brain injury. *Cell communication and signaling : CCS*, 23(1), 70.

Kang P, et al. (2025) NF- κ B-mediated developmental delay extends lifespan in *Drosophila*. *Proceedings of the National Academy of Sciences of the United States of America*, 122(19), e2420811122.

Yamaura T, et al. (2025) Laminin 332 regulates glial fibrillary acidic protein expression and astrocyte maturation during spinal cord development. *Journal of anatomy*.

Xiao D, et al. (2025) AAV-mediated inhibition of endothelial IL-1 β /IL-1R1 signaling alleviates the development of sepsis-associated encephalopathy. *Archives of biochemistry and biophysics*, 772, 110535.

Clain J, et al. (2025) Effect of metabolic disorders on reactive gliosis and glial scarring at the early subacute phase of stroke in a mouse model of diabetes and obesity. *IBRO neuroscience reports*, 18, 16.

Packer JM, et al. (2025) Diffuse Traumatic Brain Injury Induced Stimulator of Interferons (STING) Signaling in Microglia Drives Cortical Neuroinflammation, Neuronal Dysfunction, and Impaired Cognition. *Research square*.