

Resource Summary Report

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Anti-Glial Fibrillary Acidic Protein

RRID:AB_177521

Type: Antibody

Proper Citation

Millipore Cat# AB5541, RRID:AB_177521

Antibody Information

URL: http://antibodyregistry.org/AB_177521

Proper Citation: Millipore Cat# AB5541, RRID:AB_177521

Target Antigen: Glial Fibrillary Acidic Protein

Host Organism: chicken

Clonality: polyclonal

Comments: seller recommendations: IC, IH, IH(P), WB; Western Blot; Immunohistochemistry; Immunocytochemistry

Antibody Name: Anti-Glial Fibrillary Acidic Protein

Description: This polyclonal targets Glial Fibrillary Acidic Protein

Target Organism: b, porcine, h, m, r, po

Defining Citation: [PMID:21246554](#), [PMID:20653039](#), [PMID:23649873](#), [PMID:18785627](#)

Antibody ID: AB_177521

Vendor: Millipore

Catalog Number: AB5541

Record Creation Time: 20231110T081703+0000

Record Last Update: 20260830T024235+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Glial Fibrillary Acidic Protein.

No alerts have been found for Anti-Glial Fibrillary Acidic Protein.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 90 mentions in open access literature.

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

Muppirala AN, et al. (2026) Tachykinin signaling defines distinct populations of glia in the enteric nervous system. *Neuron*.

Xiong S, et al. (2026) BEST1-mediated tonic excitation facilitates anxiety-like behaviors in a mouse model of chronic neuropathic pain. *Cell reports*, 45(4), 117229.

Sartorio M, et al. (2026) Wasteosomes (corpora amylacea) of the human brain accumulate in CD44-positive astrocytes. *iScience*, 29(5), 115687.

Uzuner Odongo D, et al. (2026) Genome-scale metabolic modeling uncovers cell-type specific signatures associated with APOE variants. *iScience*, 29(5), 115638.

Lee JH, et al. (2026) Oxidative stress-induced astrocytic collagen biosynthesis drives glial barrier formation and neuronal death in ischemic stroke. *Cell metabolism*, 38(7), 1404.

Jarazo J, et al. (2026) SARS-CoV-2 Infection Induces Dopaminergic Neuronal Loss in Midbrain Organoids. *Journal of neurochemistry*, 170(5), e70486.

Lee D, et al. (2026) Microglial VRK2 Regulates Astrocytic GABA Synthesis and Tonic Inhibition in the Thalamus. *Glia*, 74(1), e70101.

Torrijos-Saiz LI, et al. (2026) Immature Excitatory Neurons in the Postnatal Ferret Paralaminae Nuclei and Their Relationship to the Amygdala Across Species. *The Journal of comparative neurology*, 534(4), e70155.

Villamarin-Ortiz A, et al. (2026) Cortical Response to Acute Implantation of the Utah Optrode Array in Macaque Cortex. *Advanced healthcare materials*, 15(3), e00575.

Wang Y, et al. (2026) CLN3 mediates chloride efflux from lysosomes. *Neuron*, 114(5), 868.

Du S, et al. (2026) Brain-engrafted monocyte-derived macrophages from blood and skull-bone marrow exhibit distinct properties. *Neuron*, 114(11), 1986.

Jouffre B, et al. (2026) Antinociception and neuroprotection of the peptidic G protein-coupled estrogen receptor inverse agonist PLMI in the murine model of paclitaxel-induced peripheral neuropathy. *British journal of pharmacology*, 183(16), 4794.

Huang H, et al. (2026) Spatially resolved transcriptomics identifies intercellular signaling post-ischemic stroke that controls neural stem cell proliferation. *Stem cell reports*, 21(6), 102922.

Piotrowska A, et al. (2026) CCR2/CCR5 antagonism with cenicriviroc relieves neuropathic pain induced by sciatic nerve injury and delays morphine tolerance in mice. *Biochemical pharmacology*, 247, 117773.

McCoy C, et al. (2025) Focal postnatal deletion of Tsc2 causes epilepsy. *Frontiers in molecular neuroscience*, 18, 1686023.

Almazán JL, et al. (2025) TNFR2 contributes to synaptic potentiation failure in hippocampal synapses and memory loss in a familial Alzheimer's disease mouse model. *Brain, behavior, and immunity*, 129, 521.

Liu Y, et al. (2025) Lcn2 from neutrophil extracellular traps induces astrogliosis and post-stroke emotional disorders. *Neuron*, 113(24), 4199.

Herold C, et al. (2025) Adult Striatal Neurogenesis-A Comparative Approach Between Pigeons, Mice, Macaques, and Human. *The Journal of comparative neurology*, 533(11), e70107.

Giacomoni J, et al. (2025) Protocol for 3D direct reprogramming of human glia into dopaminergic neurons with gene expression and immunocytochemistry validation. *STAR protocols*, 6(4), 104088.

Franco-García A, et al. (2025) Dopamine D3 receptor blockade accelerates the extinction of opioid withdrawal-induced drug-seeking behaviours and alters microglia in dopaminoceptive nuclei. *British journal of pharmacology*, 182(17), 4168.