Resource Summary Report

Generated by RRID on Aug 6, 2026

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: 20250820T055053+0000

Record Last Update: 20250820T223725+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 77 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

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

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

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.

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.

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

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.

Woo MS, et al. (2025) The immunoproteasome disturbs neuronal metabolism and drives neurodegeneration in multiple sclerosis. Cell, 188(17), 4567.

Walvekar AS, et al. (2025) Failure to repair damaged NAD(P)H blocks de novo serine synthesis in human cells. Cellular & molecular biology letters, 30(1), 3.

Song J, et al. (2025) Anti-neuroinflammatory agent rhein lysinate-based self-assembled injectable hydrogel loaded with ZL006 for promoting post-stroke functional recovery. Biomaterials, 318, 123124.

Chen F, et al. (2025) Neurons derived from NeuroD1-expressing astrocytes transition through transit-amplifying intermediates but lack functional maturity. Science advances, 11(30), eadw9296.

Zagare A, et al. (2025) MIRO1 mutation leads to metabolic maladaptation resulting in Parkinson's disease-associated dopaminergic neuron loss. NPJ systems biology and applications, 11(1), 37.

Zagare A, et al. (2025) Deciphering shared molecular dysregulation across Parkinson's disease variants using a multi-modal network-based data integration and analysis. NPJ Parkinson's disease, 11(1), 63.

Bonnifet T, et al. (2025) Steady-state neuron-predominant LINE-1 encoded ORF1p protein and LINE-1 RNA increase with aging in the mouse and human brain. eLife, 13.

Turpin-Moreno I, et al. (2025) Variability vs. phenotype: Multimodal analysis of Dravet syndrome brain organoids powered by deep learning. iScience, 28(11), 113831.

Lim XR, et al. (2024) Endothelial Piezo1 channel mediates mechano-feedback control of brain blood flow. Nature communications, 15(1), 8686.

Martin Flores N, et al. (2024) Downregulation of Dickkopf-3, a Wnt antagonist elevated in Alzheimer's disease, restores synapse integrity and memory in a disease mouse model. eLife, 12.

Murphy DP, et al. (2024) Chronic consequences of ischemic stroke: Profiling brain injury and inflammation in a mouse model with reperfusion. Physiological reports, 12(12), e16118.

Giacomoni J, et al. (2024) 3D model for human glia conversion into subtype-specific neurons, including dopamine neurons. Cell reports methods, 4(9), 100845.

Louie AY, et al. (2024) Respiratory infection with influenza A virus delays remyelination and alters oligodendrocyte metabolism. iScience, 27(8), 110464.