Resource Summary Report

Generated by NIF on Aug 30, 2026

Glial Fibrillary Acidic Protein

RRID:AB_10013382
Type: Antibody

Proper Citation

(Agilent Cat# Z0334, RRID:AB_10013382)

Antibody Information

URL: http://antibodyregistry.org/AB_10013382

Proper Citation: (Agilent Cat# Z0334, RRID:AB_10013382)

Target Antigen: GFAP

Host Organism: rabbit

Clonality: polyclonal

Comments: Excellent specificity and precipitation ability. Optimized for a variety of applications with validated protocols. Can be used on frozen and formalin-fixed, paraffin-embedded tissue sections. Original Manufacturer: Dako. Now part of Agilent.
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE
Consolidation 6/2023: AB_2314535, AB_2100952

Antibody Name: Glial Fibrillary Acidic Protein

Description: This polyclonal targets GFAP

Target Organism: rat, cow, mouse, cat, dog, human, sheep

Antibody ID: AB_10013382

Vendor: Agilent

Catalog Number: Z0334

Alternative Catalog Numbers: Z033429-2, Z033401-2

Record Creation Time: 20260218T230949+0000

Record Last Update: 20260828T170434+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Glial Fibrillary Acidic Protein.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 722 mentions in open access literature.

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

Geni?can S, et al. (2026) Enhancing neural stem cell integration in the injured spinal cord through targeted PTEN modulation. Neural regeneration research, 21(4), 1586.

Bouwman LF, et al. (2026) Loss of astrocytic markers and impaired metabolic function in spinocerebellar ataxia type 7 patient-derived neural cultures. Neurobiology of disease, 227, 107477.

Vaquié AM, et al. (2026) Adaptaquin is selectively toxic to glioma stem cells through disruption of iron and cholesterol metabolism. Molecular oncology, 20(2), 307.

Morshed N, et al. (2026) iAstrocytes model cytokine influences on complement expression and neuronal network synchronization. bioRxiv : the preprint server for biology.

Duncan MJ, et al. (2026) Dim light at night impacts circadian rhythms and Alzheimer's disease-like neuroinflammation and neuropathology in humanized APP SAA knock-in mice. Sleep, 49(6).

Macheda T, et al. (2026) Glial cytokine modulation improves sleep and circadian disruption in female SAA knock-in mice of Alzheimer's-related pathology. Alzheimer's & dementia : the journal of the Alzheimer's Association, 22(4), e71314.

Wang Y, et al. (2026) Injury-transduced SerpinOLs modulate neuroinflammation and glial activation in the diseased and non-diseased CNS. bioRxiv : the preprint server for biology.

Chen CL, et al. (2026) Glibenclamide attenuates neuronal pyroptosis by modulating KATP channels in the hippocampus of palmitic acid-induced lipotoxic mice. Biomedical journal, 100972.

Nemati S, et al. (2026) Therapeutic reactivation of hippocampal progenitors reverse cognition decline in mice with progressive brain demyelination. Stem cell reports, 21(5), 102896.

van Bruggen R, et al. (2026) Partial Deletion of Cxcl12 from Hippocampal Cajal-Retzius Cells Does Not Disrupt Dentate Gyrus Development or Neurobehaviors. eNeuro, 13(1).

Secula S, et al. (2026) Generation of an induced pluripotent stem cell line from an Alström syndrome patient with biallelic ALMS1 pathogenic variants. Stem cell research, 94, 103990.

Jariwala VD, et al. (2026) MicroFace maps microglial morphology remodeling, revealing spatial zones and bifurcated trajectories during brain microinjury recovery. iScience, 29(7), 116485.

Øhlenschlæger MS, et al. (2026) Multi-omic analysis of guided and unguided forebrain organoids reveals differences in cellular composition and metabolic profiles. Cell reports methods, 6(2), 101295.

Ram DR, et al. (2026) Anti-IL-15 treatment reduces acute lentivirus inflammation and signaling in the brain. Cell reports. Medicine, 7(1), 102567.

Hinestroza-Morales S, et al. (2026) Differential morphology and distribution of GFAP astrocytes in vocal brain circuit in a songbird Southern house wren and humans. Frontiers in neuroanatomy, 20, 1606172.

Stebbins K, et al. (2026) A High-Resolution Transcriptomic Atlas of Cell Types in the Ventral Visual Thalamus. Journal of neurochemistry, 170(3), e70406.

Ellingford R, et al. (2026) Alzheimer's disease pathology degrades an NMDA receptor-dependent spontaneous activity pattern in cortico-hippocampal circuits. Neuron, 114(13), 2386.

Hill EJ, et al. (2026) Temporal regulation of human reactive astrocytes reveals their capacity for antigen presentation. Neuron, 114(13), 2331.

Etxeberria A, et al. (2026) Microglia-mediated protection against Alzheimer's disease pathology and detrimental effects in white matter revealed by Ptpn6 deletion. Neuron, 114(13), 2367.

Mukherjee S, et al. (2026) A single Citrobacter rodentium infection in Pink1 knockout and wild-type mice leads to regional blood-brain-barrier perturbation and limited microglial activation without dopamine neuron axon terminal loss. PLoS pathogens, 22(6), e1014315.