

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

GFAP Polyclonal Antibody

RRID:AB_1074620

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# PA1-10004, RRID:AB_1074620)

Antibody Information

URL: http://antibodyregistry.org/AB_1074620

Proper Citation: (Thermo Fisher Scientific Cat# PA1-10004, RRID:AB_1074620)

Target Antigen: GFAP

Host Organism: chicken

Clonality: polyclonal

Comments: Applications: ICC/IF, IHC-P, WB

Antibody Name: GFAP Polyclonal Antibody

Description: This polyclonal targets GFAP

Target Organism: Human, Porcine, Bovine, Rat, Mouse, Equine

Defining Citation: [PMID:21677173](#), [PMID:27230040](#), [PMID:24256442](#), [PMID:28111199](#)

Antibody ID: AB_1074620

Vendor: Thermo Fisher Scientific

Catalog Number: PA1-10004

Record Creation Time: 20250719T080521+0000

Record Last Update: 20260828T160848+0000

Ratings and Alerts

No rating or validation information has been found for GFAP Polyclonal Antibody.

No alerts have been found for GFAP Polyclonal Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Tosun B, et al. (2026) The atypical adhesion GPCR ADGRA1 controls hippocampal inhibitory circuit function. *Cell reports*, 45(4), 117255.

Lorenz SM, et al. (2026) A fin-loop-like structure in GPX4 underlies neuroprotection from ferroptosis. *Cell*, 189(1), 287.

Kriel J, et al. (2026) An integrative spatial multi-omic workflow for unified analysis of tumor tissue. *Cell reports methods*, 6(2), 101306.

Yang X, et al. (2026) Heterogeneity of the adult mammalian forebrain neurogenic endyma: A comprehensive cellular map. *Neural regeneration research*, 21(6), 2448.

Gurram V, et al. (2026) Synaptic alterations are preceding the axonal loss in optic atrophy of Wolfram syndrome mouse model. *Frontiers in neuroscience*, 20, 1838257.

Vidos C, et al. (2026) Early Hypo-Osmolar Stress Regulates Astrocyte Reactivity After Brain Injury: "New Insights Into Glial Response to Edema". *Journal of neurochemistry*, 170(7), e70524.

Mohammadshirazi A, et al. (2026) Pharmacological manipulation of the immediate effects of spinal trauma in neonatal rats reveals a crucial role for TRPV4 receptors. *The Journal of physiology*, 604(7), 3077.

Fulton SL, et al. (2025) Major-depressive-disorder-associated dysregulation of ZBTB7A in orbitofrontal cortex promotes astrocyte-mediated stress susceptibility. *Neuron*, 113(16), 2656.

Vivinetto AL, et al. (2025) Acute Extrinsic Activation of the RANKL Pathway Decreases Wound Healing and Functional Recovery After Spinal Cord Injury in Mice. *Glia*, 73(5), 969.

Powell WH, et al. (2025) Contrasting Behavioural and Biochemical Characteristics of Normal and Spontaneously ??-Synuclein-Deficient Mice Treated With MPTP. *Journal of neurochemistry*, 169(8), e70201.

Reid MJ, et al. (2025) Alzheimer's disease brain-derived tau extracts show differential processing and transcriptional effects in human astrocytes. *iScience*, 28(7), 112793.

Pavan C, et al. (2025) A cloaked human stem-cell-derived neural graft capable of functional integration and immune evasion in rodent models. *Cell stem cell*, 32(5), 710.

Huang M, et al. (2025) Stra8 links neuronal activity to inhibitory circuit protection in the adult mouse brain. *Cell reports*, 44(11), 116513.

Zhou J, et al. (2025) C5aR1+ microglia exacerbate neuroinflammation and cerebral edema in acute brain injury. *Neuron*.

Westi EW, et al. (2025) Metabolic Flexibility of Microglia: Energy Substrate Utilization and Impact on Neuronal Metabolism. *Journal of neurochemistry*, 169(11), e70304.

Sulka KB, et al. (2025) Microglial STING is a central safeguard against neurological decline with age. *Cell reports*, 44(6), 115749.

Kwak D, et al. (2025) Decoding hippocampal subfield and glial responses in ischemia using single-cell transcriptomics. *Journal of translational medicine*, 23(1), 671.

Schultz A, et al. (2024) Neuronal and glial cell alterations involved in the retinal degeneration of the familial dysautonomia optic neuropathy. *Glia*, 72(12), 2268.

Stefanova EE, et al. (2024) P2X7 regulates ependymo-radial glial cell proliferation in adult *Danio rerio* following spinal cord injury. *Biology open*, 13(4).

Ahtiainen A, et al. (2024) Astrocytes facilitate gabazine-evoked electrophysiological hyperactivity and distinct biochemical responses in mature neuronal cultures. *Journal of neurochemistry*, 168(9), 3076.