

GFAP Antibody (clone GA-5)
Mouse Monoclonal Antibody
Catalog # ALS13478**Specification**

GFAP Antibody (clone GA-5) - Product Information

Application	IHC
Primary Accession	P14136
Reactivity	Human, Rat, Pig
Host	Mouse
Clonality	Monoclonal
Calculated MW	50kDa KDa

GFAP Antibody (clone GA-5) - Additional Information**Gene ID** 2670**Other Names**

Glial fibrillary acidic protein, GFAP, GFAP

Target/Specificity

The antibody GA-5 reacts with GFAP, the principal marker of astroglial cells in the central nervous system, which is specifically expressed in satellite cells in peripheral ganglia and in non myelinating Schwann cells in peripheral nerves. The GFAP p ...

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

GFAP Antibody (clone GA-5) is for research use only and not for use in diagnostic or therapeutic procedures.

GFAP Antibody (clone GA-5) - Protein Information**Name** GFAP**Function**

GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous system, distinguishes astrocytes from other glial cells.

Cellular Location

Cytoplasm. Note=Associated with intermediate filaments

Tissue Location

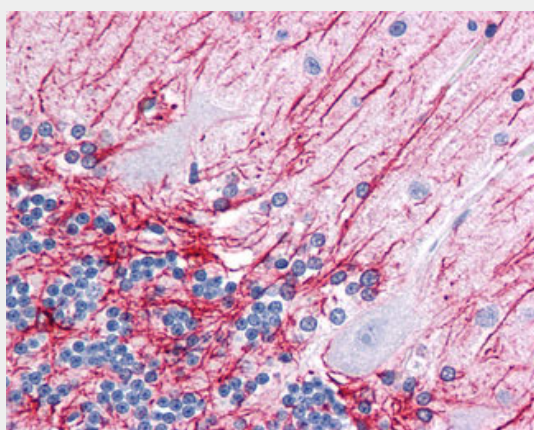
Expressed in cells lacking fibronectin.

GFAP Antibody (clone GA-5) - Protocols

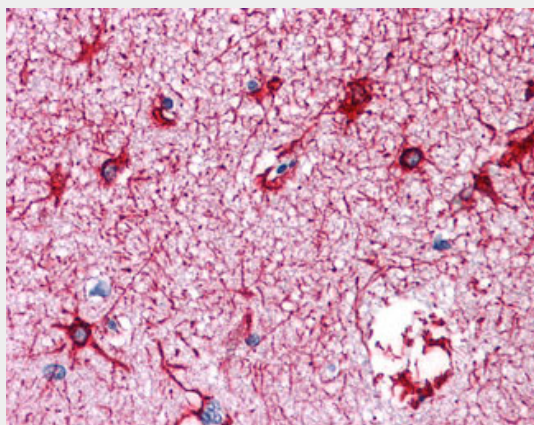
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GFAP Antibody (clone GA-5) - Images



Anti-GFAP antibody IHC of human brain, cerebellum.



Anti-GFAP antibody IHC of human brain, cortex.

GFAP Antibody (clone GA-5) - Background

GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous system, distinguishes astrocytes from other glial cells.

GFAP Antibody (clone GA-5) - References

Reeves S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 86:5178-5182(1989).
Brenner M., et al. Brain Res. Mol. Brain Res. 7:277-286(1990).
Bongcam-Rudloff E., et al. Cancer Res. 51:1553-1560(1991).

Kumanishi T.,et al.Acta Neuropathol. 83:569-578(1992).
Isaacs A.,et al.Genomics 51:152-154(1998).