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GFAP Rabbit mAb

Catalog # AP75487

Product Information

Application	WB, IHC-P, FC, IP
Primary Accession	P14136
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	49880

Additional Information

Gene ID	2670
Other Names	GFAP
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A FC~~1:500-1:1000 IP~~1:20-1:50
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

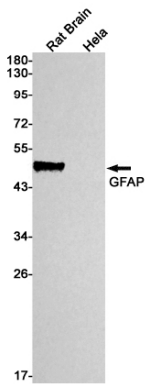
Protein Information

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.

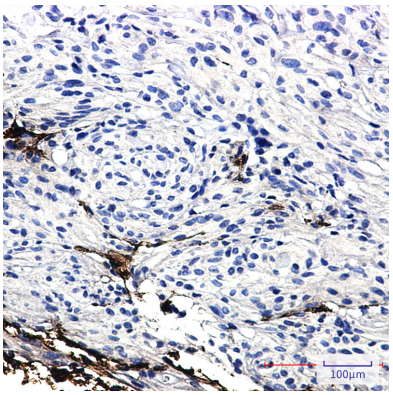
Background

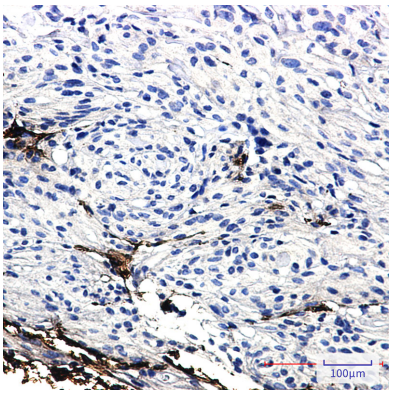
GFAP is commonly used as a marker for intracranial and intraspinal tumors arising from astrocytes. In addition, GFAP intermediate filaments are also present in nonmyelin-forming Schwann cells in the peripheral nervous system

Images

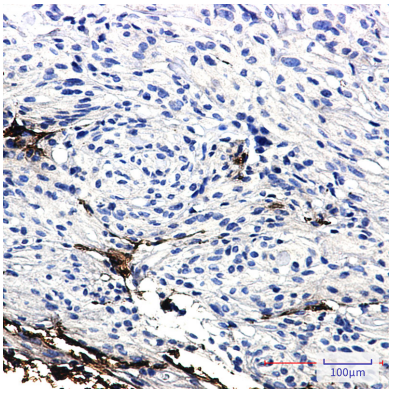


Western blot analysis of GFAP in rat Brain, Hela lysates using GFAP antibody.





Immunohistochemistry analysis of paraffin-embedded Human Brain using GFAP antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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