

Anti-GFAP Rabbit pAb

ABC11114-20°C

Product Information	
Protein full name	Glial fibrillary acidic protein
Synonyms	GFAP, ALXDRD, glial fibrillary acidic protein, Astrocyte, Intermediate filament protein
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse GFAP
Uniprot ID	P03995
Isotype	IgG
Purity	Affinity purification
Subcellular location	Cytoplasm
Predicted MW. / Observed MW.	49 kDa / 49 kDa

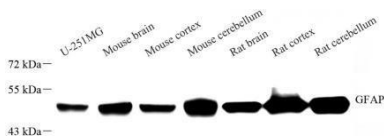
Applications			
WB	Human, Mouse, Rat	1: 1000-1: 2000	brain, cerebellum, cortex
IHC/IF	Human, Mouse, Rat	1: 500-1: 3000	brain, cerebellum

Storage	
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Storage Buffer	PBS with 0.02% sodium azide, 100 µg/mL BSA and 50% glycerol.

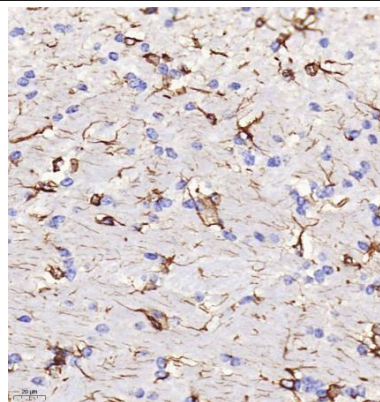
Background

Glial fibrillary acidic protein is an intermediate filament (IF) protein that is expressed by numerous cell types of the central nervous system (CNS) including astrocytes and ependymal cells. GFAP has also been found to be expressed in glomeruli and peritubular fibroblasts taken from rat kidneys Leydig cells of the testis in both hamsters and humans, human keratinocytes, human osteocytes and chondrocytes and stellate cells of the pancreas and liver in rats. It is closely related to its non-epithelial family members, vimentin, desmin, and peripherin, which are all involved in the structure and function of the cell's cytoskeleton.

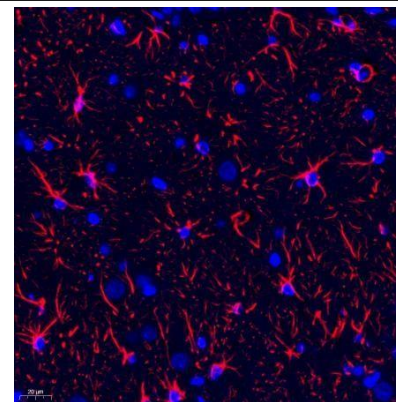
Images



Western blot analysis of GFAP at dilution of 1: 2000



Immunohistochemistry analysis of paraffin embedded mouse brain using GFAP at dilution of 1: 3000



Immunofluorescence analysis of paraffin embedded rat brain using GFAP at dilution of 1: 2000

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