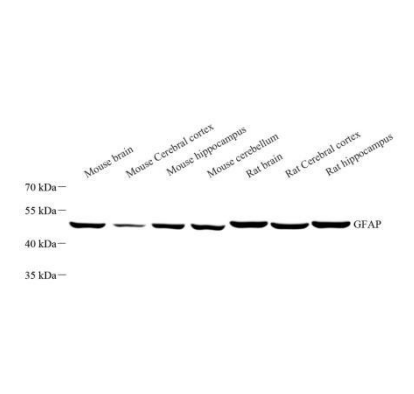
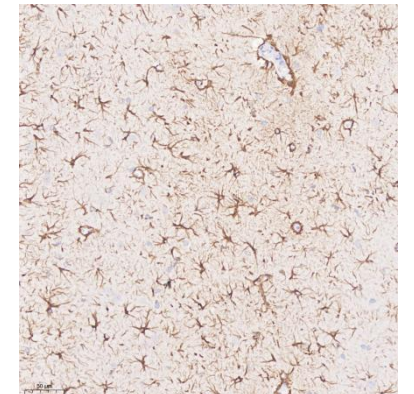
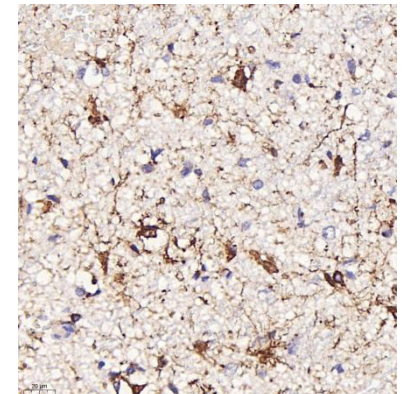


Anti-GFAP Mouse mAb

GB12090 -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 Human GFAP		
Uniprot ID	P14136		
Isotype	IgG2b, κ		
Purity	Affinity purification		
Subcellular location	Cytoplasm		
Predicted MW. / Observed MW.	49 kDa / 49 kDa		
Applications			
WB	Mouse, Rat	1: 500-1: 1000	brain, cerebellum, cerebral cortex, hippocampus
IHC/IF	Human, Mouse, Rat	1: 500-1: 1000	brain, glioma, oligodendroglioma
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			
<p>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.</p>			
Images			
<div><div></div><div></div><div></div></div>			
<p>Western blot analysis of GFAP (GB12090) at dilution of 1: 1000</p>			
<p>Immunohistochemistry analysis of paraffin embedded rat brain using GFAP (GB12090) at dilution of 1: 1000</p>			
<p>Immunohistochemistry analysis of paraffin embedded human oligodendroglioma using GFAP (GB12090) at dilution of 1: 500</p>			

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