

For Research Use Only

# Biotin-conjugated GFAP Polyclonal antibody



Catalog Number: Biotin-16825

Featured Product

## Basic Information

Catalog Number: Biotin-16825	GenBank Accession Number: BC013596	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2670	Recommended Dilutions: IHC 1:2500-1:10000
Source: Rabbit	UNIPROT ID: P14136	
Isotype: IgG	Full Name: glial fibrillary acidic protein	
Immunogen Catalog Number: AG10423	Calculated MW: 432 aa, 50 kDa	
	Observed MW: 45-50 kDa	

## Applications

Tested Applications: IHC	Positive Controls: IHC : mouse brain tissue,
Species Specificity: human, mouse, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

GFAP (Glial fibrillary acidic protein), an intermediate-filament (IF) protein, is specifically expressed in cells of astroglial lineage and is widely used to mark astroglia in the brain. It is also used as a marker for intracranial and intraspinal tumors arising from astrocytes.

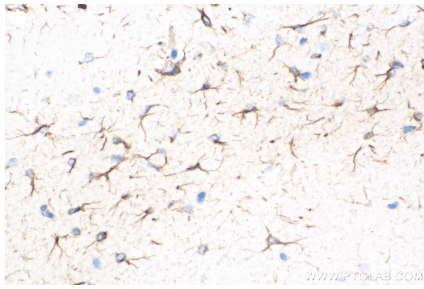
## Storage

Storage:  
Store at -20°C. Avoid exposure to light.  
Storage Buffer:  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

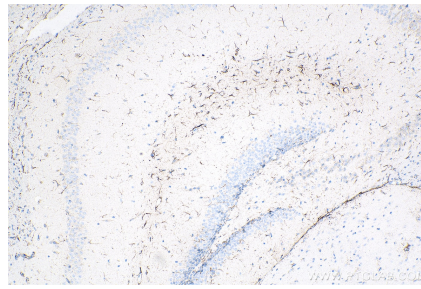
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using Biotin-16825 (GFAP antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using Biotin-16825 (GFAP antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).