

# GFAP antibody [GT25]

## Cat. No. GTX641104

Host	Mouse	
Clonality	Monoclonal	
Isotype	lgG2b	
Applications	WB, ICC/IF, IHC-P, IHC-Fr	
Reactivity	Human, Mouse, Rat	

Package  $100~\mu l,\,25~\mu l$ 

## **Applications**

### **Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-Fr	Assay dependent

Note: Antigen retrieval: Both citrate buffer (pH 6.0) and Tris-EDTA (pH9.0) are suitable.

Not tested in other applications.

Observed MW (kDa) 43-50 kDa.

Properties		
Form	Liquid	
Buffer	PBS	
Preservative	No preservatives	
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)	
Immunogen	The immunogen used to generate this antibody corresponds to human GFAP.	
Purification	Affinity purified by Protein A.	
Conjugation	Unconjugated	



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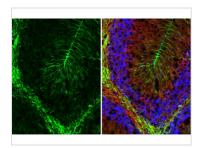


For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

#### Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

#### DATA IMAGES



#### GTX641104 IHC-Fr Image

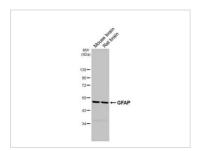
GFAP antibody [GT25] detects GFAP protein by immunohistochemical analysis.

Sample: Frozen-sectioned mouse cerebellum.

Green: GFAP stained by GFAP antibody [GT25] (GTX641104) diluted at 1:250.

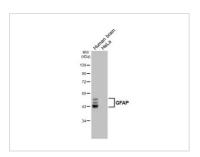
Red: beta Tubulin 3/ Tuj1 stained by beta Tubulin 3/ Tuj1 antibody (GTX130245) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).



#### GTX641104 WB Image

Various tissue extracts (50  $\mu$ g) were separated by 10% SDS-PAGE, and the membrane was blotted with GFAP antibody (GTX641104) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



## GTX641104 WB Image

Human tissue and whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with GFAP antibody [GT25] (GTX641104) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



#### GTX641104 IHC-P Image

GFAP antibody [GT25] detects GFAP protein by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain.

GFAP stained by GFAP antibody [GT25] (GTX641104) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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