

## GFAP antibody [GT25]

**Cat. No. GTX641104**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2b
<b>Applications</b>	WB, ICC/IF, IHC-P, IHC-Fr
<b>Reactivity</b>	Human, Mouse, Rat

 Review ( 2 )

**Package**  
 100 µl, 25 µl

## 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.

<b>Observed MW (kDa)</b>	43-50 kDa.
<b>Product Note</b>	Highly recommended for IHC-P in rat tissues.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	The immunogen used to generate this antibody corresponds to human GFAP.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

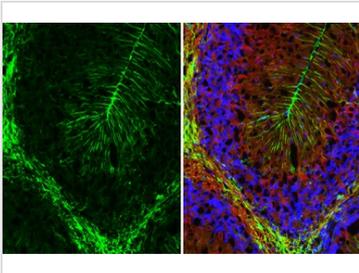


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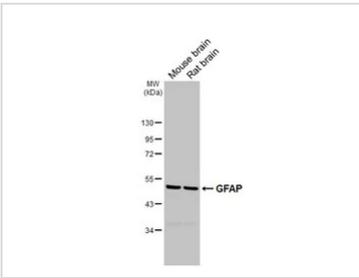
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DATA IMAGES



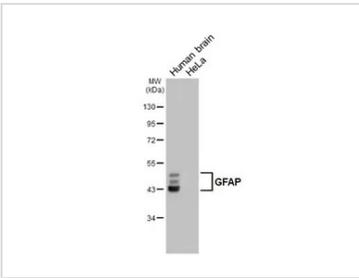
**GTX641104 IHC-Fr Image**

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).



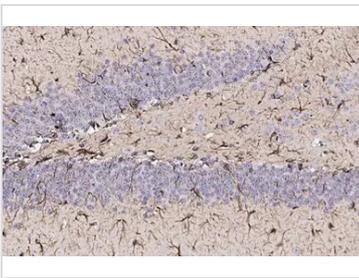
**GTX641104 WB Image**

Various tissue extracts (50 µg) 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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