

## GFAP antibody

Cat. No. GTX108711

|                    |                                |
|--------------------|--------------------------------|
| <b>Host</b>        | Rabbit                         |
| <b>Clonality</b>   | Polyclonal                     |
| <b>Isotype</b>     | IgG                            |
| <b>Application</b> | WB, ICC/IF, IHC-P, IHC-Fr, IHC |
| <b>Reactivity</b>  | Human, Mouse, Rat              |

Reference ( 61 )

★★★★★ Review ( 1 )

Pack age

100 µl, 25 µl

## APPLICATION

## Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:5000-1:50000       |
| ICC/IF             | 1:100-1:1000         |
| IHC-P              | 1:100-1:1000         |
| IHC-Fr             | 1:100-1:1000         |
| IHC                | Assay dependent      |

Not tested in other applications.

Calculated MW 50 kDa. ( [Note](#) )

## PROPERTIES

|               |  |
|---------------|--|
| Form          | Liquid   |
| Buffer        | PBS, 1% BSA, 20% Glycerol  |
| Preservative  | 0.025% ProClin 300   |
| 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 | 0.47 mg/ml (Please refer to the vial label for the specific concentration.)  |
| Immunogen     | Recombinant protein encompassing a sequence within the center region of human GFAP. The exact sequence is proprietary.   |
| Purification  | Purified by antigen-affinity chromatography.   |
| Conjugation   | Unconjugated   |

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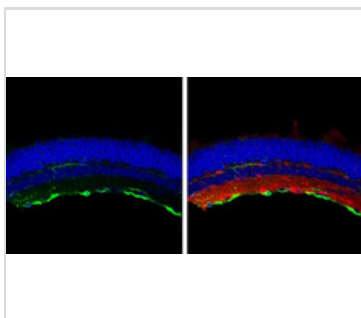
Date 2024 / 12 / 15 Page 1 of 2

## Note

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## DATA IMAGES



### GTX108711 IHC-Fr Image

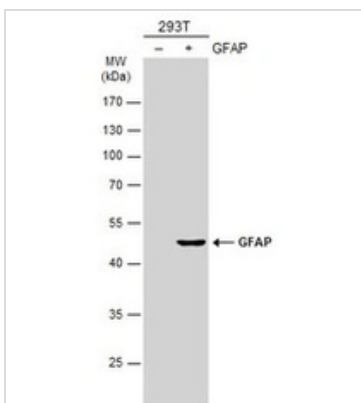
GFAP antibody detects GFAP protein at retinal ganglion cell layer by immunohistochemical analysis.

Sample: Frozen sectioned adult mouse retina.

Green: GFAP protein stained by GFAP antibody (GTX108711) diluted at 1:250.

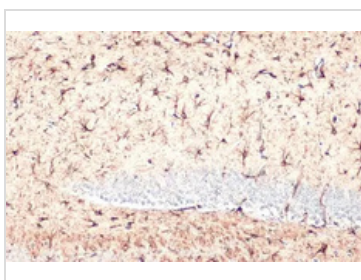
Red: beta Tubulin 3/ TUJ1, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTX631836) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).



### GTX108711 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with GFAP antibody (GTX108711) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



### GTX108711 IHC-P Image

GFAP antibody detects GFAP protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse brain.

GFAP stained by GFAP antibody (GTX108711) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



### GTX108711 IHC-P Image

GFAP antibody detects GFAP protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded rat brain.

GFAP stained by GFAP antibody (GTX108711) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

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Date 2024 / 12 / 15 Page 2 of 2