

GFAP antibody

Cat. No. GTX108711

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Human, Mouse, Rat

References (79)

★★★★★ Review (1)

Package

100 µl, 25 µl

Applications

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

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

Note

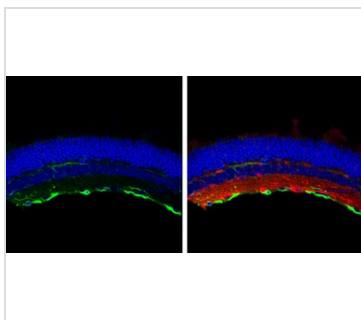
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Date 2026 / 07 / 09 Page 1 of 2

DATA IMAGES



GTX108711 IHC-Fr Image

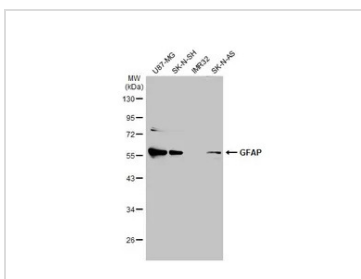
GFAP antibody detects GFAP protein at retinal ganglion cell layer by immunohistochemical analysis.

Sample: Frozen sectioned adult mouse retina.

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

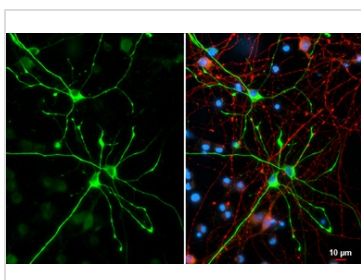
Red: beta Tubulin 3/ TUJ1, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTX631836) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).



GTX108711 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with GFAP antibody (GTX108711) diluted at 1:2500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX108711 ICC/IF Image

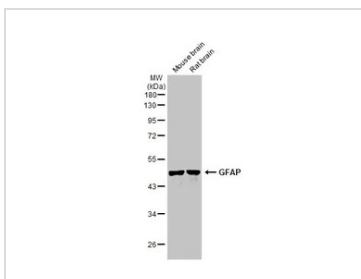
GFAP antibody detects GFAP protein at glia cells by immunofluorescent analysis.

Sample: DIV10 rat E18 primary hippocampal neuron and glia cells were fixed in 4% paraformaldehyde at RT for 15 min.

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

Red: Tau, a cytoskeleton marker, stained by Tau antibody [GT287] (GTX634809) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



GTX108711 WB Image

Various tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with GFAP antibody (GTX108711) diluted at 1:25000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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