

MAP2 antibody

Cat. No. GTX133109

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

Reference (13)
 Package
 100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
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 199 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	0.07 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of mouse MAP2. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

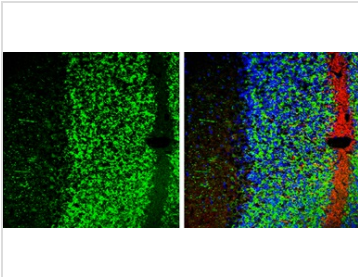


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Note

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DATA IMAGES

GTx133109 IHC-Fr Image

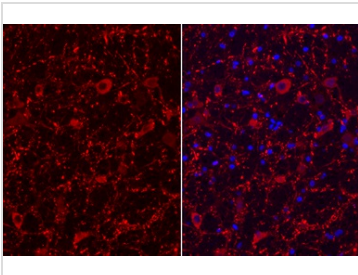
MAP2 antibody detects MAP2 protein expression by immunohistochemical analysis.

Sample: Frozen-sectioned adult mouse cerebellum.

Green: MAP2 protein stained by MAP2 antibody (GTx133109) diluted at 1:250.

Red: Tau, stained by Tau antibody (GTx49353) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).


GTx133109 IHC-P Image

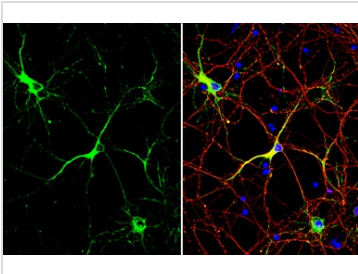
MAP2 antibody detects MAP2 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded rat cerebellum.

Green: MAP2 stained by MAP2 antibody (GTx133109) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTx30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTx133109 ICC/IF Image

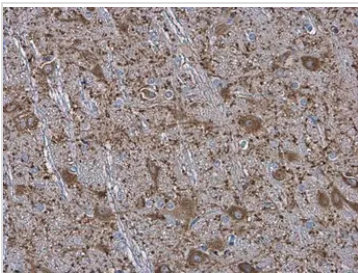
MAP2 antibody detects MAP2 protein in dendrites, but not in axons, by immunofluorescent analysis.

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

Green: MAP2 stained by MAP2 antibody (GTx133109) diluted at 1:500.

Red: Tau, stained by Tau antibody [GT287] (GTx634809) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).


GTx133109 IHC-P Image

MAP2 antibody detects MAP2 protein at cytoplasm in rat brain by immunohistochemical analysis.

Sample: Paraffin-embedded rat brain.

MAP2 antibody (GTx133109) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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