

MAP2 antibody

Cat. No. GTX133109

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

References (18)

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	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



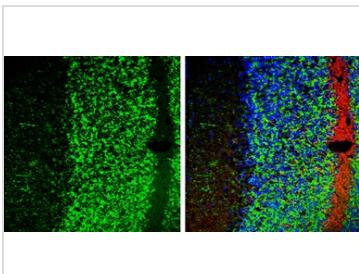
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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**GTX133109 IHC-Fr Image**

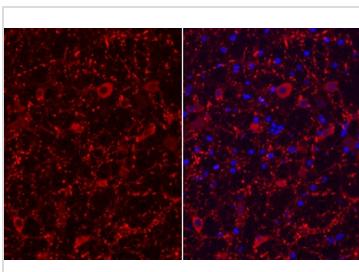
MAP2 antibody detects MAP2 protein expression by immunohistochemical analysis.

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**

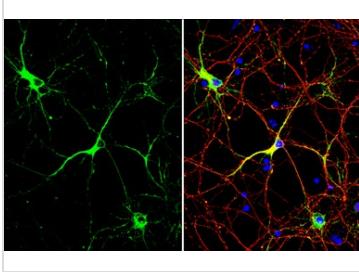
MAP2 antibody detects MAP2 protein at cytoplasm by immunohistochemical analysis.

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**

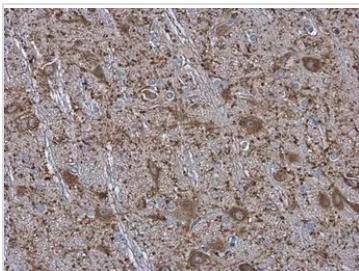
MAP2 antibody detects MAP2 protein in dendrites, but not in axons, by immunofluorescent analysis.

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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