

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 (20)

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

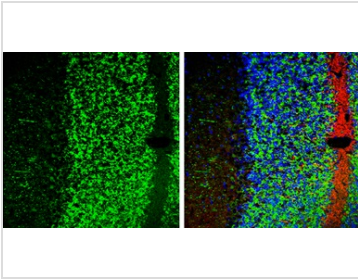


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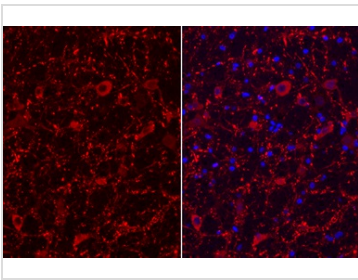
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DATA IMAGES



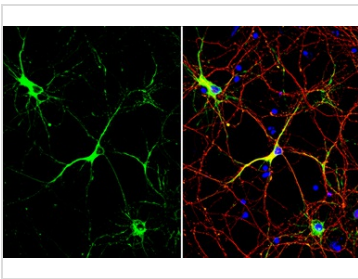
GTX133109 IHC-Fr Image

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).



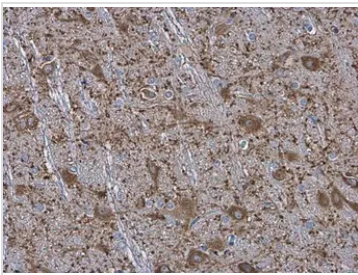
GTX133109 IHC-P Image

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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