# 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 ( 21 )
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 4ºC. For long-term storage, aliquot and store at -20ºC 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 |

For full product information, images and publications, please visit our website.



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**Note**

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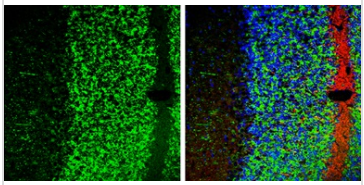
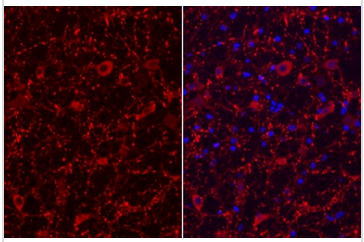
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES



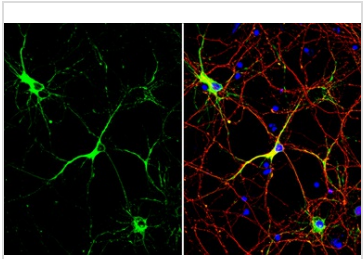
**GTX133109 IHC-Fr Image**

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).



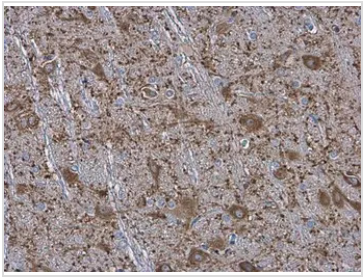
**GTX133109 IHC-P Image**

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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