

MAP2 antibody [GT925]

Cat. No. GTX634473

Host	Mouse
Clonality	Monoclonal
Isotype	IgG3
Application	WB, ICC/IF, IHC-P
Reactivity	Mouse, Rat

Reference (1)
Package
100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 199 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
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	1.23 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	Affinity purified by Protein A.
Conjugation	Unconjugated

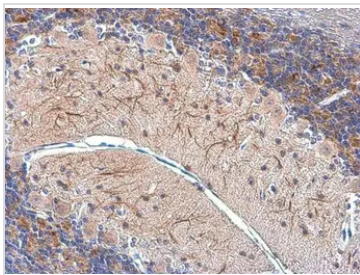
Note

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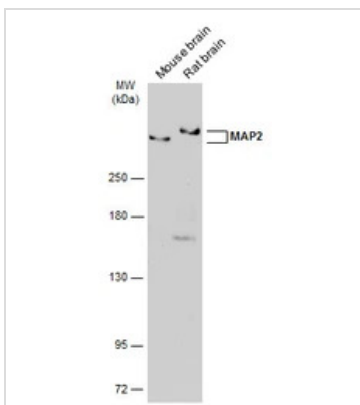
DATA IMAGES

GTX634473 IHC-P Image

MAP2 antibody [GT925] detects MAP2 protein at cytoplasm by immunohistochemical analysis.

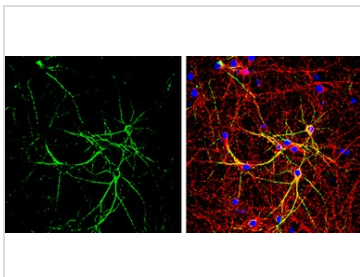
Sample: Paraffin-embedded mouse cerebellum.

MAP2 stained by MAP2 antibody [GT925] (GTX634473) diluted at 1:2000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX634473 WB Image

Various tissue extracts (50 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with MAP2 antibody [GT925] (GTX634473) diluted at 1:6000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


GTX634473 ICC/IF Image

MAP2 antibody [GT925] 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: Dendrite marker MAP2 stained by MAP2 antibody [GT925] (GTX634473) diluted at 1:500.

Red: Axon marker Tau, stained by Tau antibody (GTX130462) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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