

Synapsin II antibody [GT1446]

Cat. No. GTX635894

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Application	WB, ICC/IF, IHC-P
Reactivity	Mouse, Rat

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	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Calculated MW 63 kDa. ([Note](#))

PROPERTIES

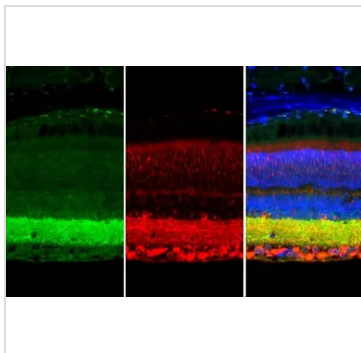
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No Preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Synapsin II. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

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

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.



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DATA IMAGES

GTX635894 IHC-P Image

Synapsin II antibody [GT1446] detects Synapsin II protein at cell membrane and cytoplasm by immunohistochemical analysis.

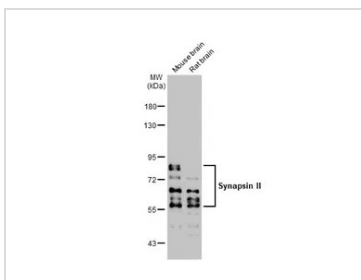
Sample: Paraffin-embedded mouse eye.

Green: Synapsin II stained by Synapsin II antibody [GT1446] (GTX635894) diluted at 1:250.

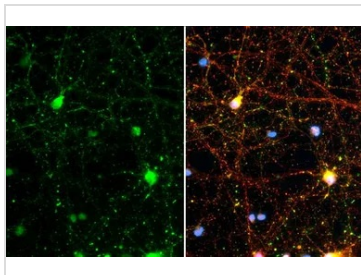
Red: beta Tubulin 3/ Tuj1, a cytoskeleton marker, stained by beta Tubulin 3/ Tuj1 antibody (GTX130245) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX635894 WB Image

Various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Synapsin II antibody [GT1446] (GTX635894) diluted at 1:10000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


GTX635894 ICC/IF Image

Synapsin II antibody [GT1446] detects Synapsin II protein at synapse by immunofluorescent analysis.

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

Green: Synapsin II stained by Synapsin II antibody [GT1446] (GTX635894) diluted at 1:500.

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



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