

Synaptophysin antibody [GT2589]

Cat. No. GTX633972

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

★★★★★ Review (1)

Package
100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 34 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 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human Synaptophysin. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

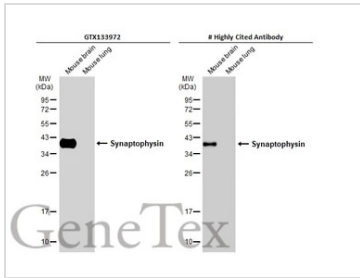
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DATA IMAGES

GTX633972 WB Image

Various tissue extracts (50 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Synaptophysin antibody [GT2589] (GTX633972) diluted at 1:10000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.

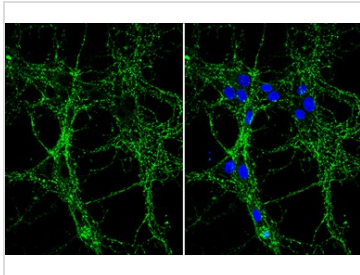

GTX633972 IHC-P Image

Synaptophysin antibody [GT2589] detects Synaptophysin protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse hippocampus.

Synaptophysin stained by Synaptophysin antibody [GT2589] (GTX633972) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

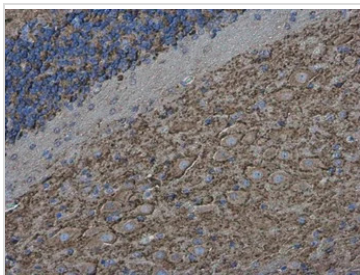

GTX633972 ICC/IF Image

Synaptophysin antibody [GT2589] detects Synaptophysin protein by immunofluorescent analysis.

Sample: DIV9 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Synaptophysin stained by Synaptophysin antibody [GT2589] (GTX633972) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

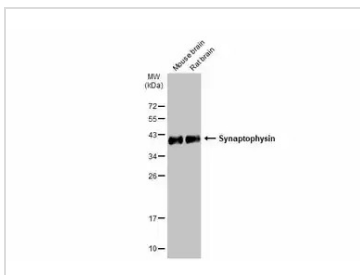

GTX633972 IHC-P Image

Synaptophysin antibody [GT2589] detects Synaptophysin protein at cell membrane in mouse brain by immunohistochemical analysis.

Sample: Paraffin-embedded mouse brain.

Synaptophysin antibody [GT2589] (GTX633972) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX633972 WB Image

Various tissue extracts (50 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Synaptophysin antibody [GT2589] (GTX633972) diluted at 1:10000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



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