

Synapsin II antibody

Cat. No. GTX135310

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

Package
100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:5000-1:500000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Calculated MW	63 kDa. (Note)
Product Note	This antibody was raised against Synapsin II, and it does not cross react with Synapsin I based on the internal testing.

PROPERTIES

Form	Liquid
Buffer	PBS, 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	0.9 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of mouse Synapsin II. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



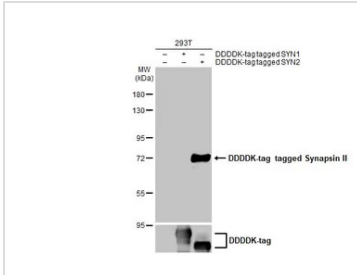
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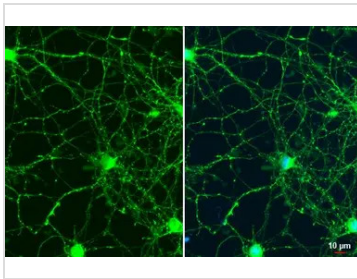
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Note

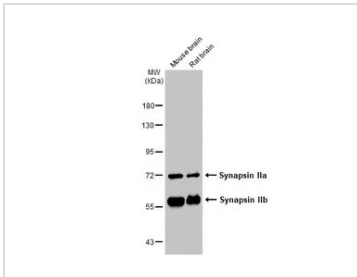
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DATA IMAGES

GTX135310 WB Image

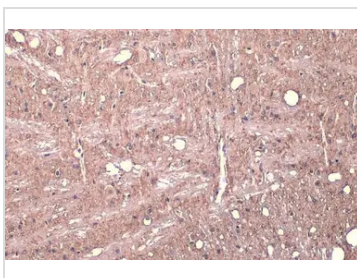
Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Synapsin II antibody (GTX135310) diluted at 1:500000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX135310 ICC/IF Image

Synapsin II antibody detects Synapsin II protein at Synapse by immunofluorescent analysis.
Sample: DIV10 rat hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: Synapsin II stained by Synapsin II antibody (GTX135310) diluted at 1:500.
Red: Tau, a marker, stained by Tau antibody [GT287] (GTX634809) diluted at 1:500.


GTX135310 WB Image

Various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Synapsin II antibody (GTX135310) diluted at 1:100000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX135310 IHC-P Image

Synapsin II antibody detects Synapsin II protein at cell membrane and cytoplasm by immunohistochemical analysis.
Sample: Paraffin-embedded mouse brain.
Synapsin II stained by Synapsin II antibody (GTX135310) diluted at 1:500.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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