

Synaptotagmin 1 antibody [N1C2]

Cat. No. GTX114124

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

References (1)

Package

100 µl, 25 µl

Applications

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	Assay dependent

Not tested in other applications.

Calculated MW 48 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.01% Thimerosal
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 Synaptotagmin 1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

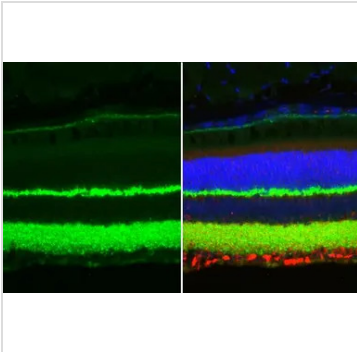
Note

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

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DATA IMAGES

GTX114124 IHC-P Image

Synaptotagmin 1 antibody [N1C2] detects Synaptotagmin 1 protein at cell membrane and cytoplasm by immunohistochemical analysis.

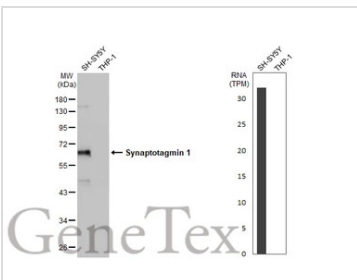
Sample: Paraffin-embedded mouse eye.

Green: Synaptotagmin 1 stained by Synaptotagmin 1 antibody [N1C2] (GTX114124) diluted at 1:250.

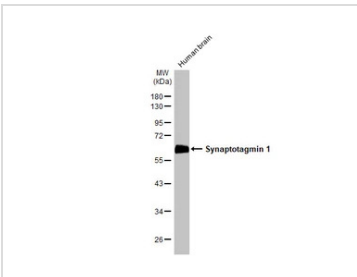
Red: beta Tubulin 3/ Tuj1 stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

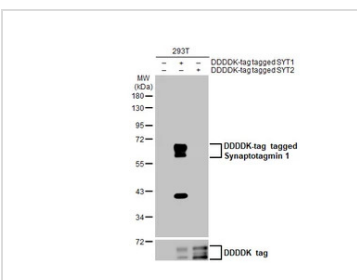
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX114124 WB Image

Various whole cell extracts (30 Åµg) were separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [N1C2] (GTX114124) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.


GTX114124 WB Image

Human tissue extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [N1C2] (GTX114124) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX114124 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [N1C2] (GTX114124) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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