

Synaptotagmin 1 antibody [HL1626]

Cat. No. GTX637119

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human, Mouse, Rat, Drosophila



Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.		
Suggested dilution	Recommended dilution	
WB	Assay dependent	
IHC-P	Assay dependent	
Not tested in other applications.		
Observed MW (kDa)	65-70 kDa.	
Product Note	This antibody is specific for SYT1 protein, and it does not cross-react with SYT2 protein.	
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 fragment of human Synaptotagmin 1	
Purification	Affinity purified by Protein A.	
Conjugation	Unconjugated	



Note

For full product information, images and publications, please visit our website.

human consumption.

determine the structure or sequence of the product.

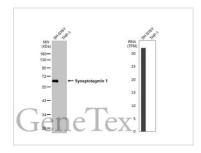
Date 2025 / 05 / 22 Page 1 of 2

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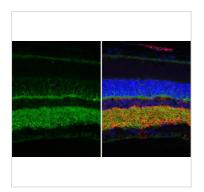


DATA IMAGES



GTX637119 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [HL1626] (GTX637119) diluted at 1:2000. 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.



GTX637119 IHC-P Image

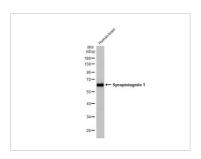
Synaptotagmin 1 antibody [HL1626] detects Synaptotagmin 1 protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded rat eye.

Synaptotagmin 1 stained by Synaptotagmin 1 antibody [HL1626] (GTX637119) diluted at 1:250. Red: beta Tubulin 3/ Tuj1, a neural marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.

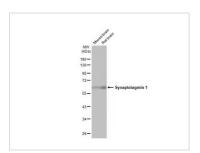
Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX637119 WB Image

Human tissue extract (5 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [HL1626] (GTX637119) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX637119 WB Image

Various tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [HL1626] (GTX637119) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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Date 2025 / 05 / 22 Page 2 of 2