

Synaptotagmin 1 antibody [HL1626]

Cat. No. GTX637119

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

References (1)

★★★★★ Review (1)

Package

100 µl, 25 µl

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

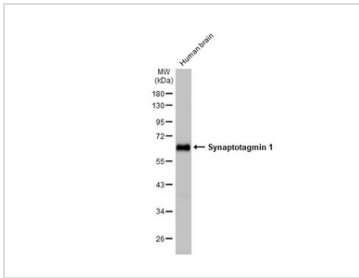
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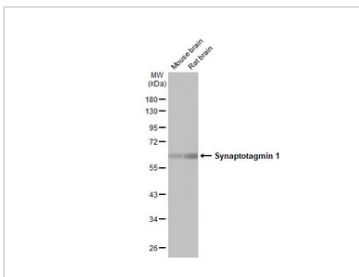


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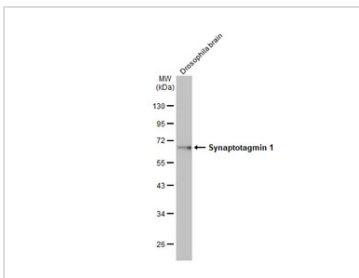
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DATA IMAGES

GTX637119 WB Image

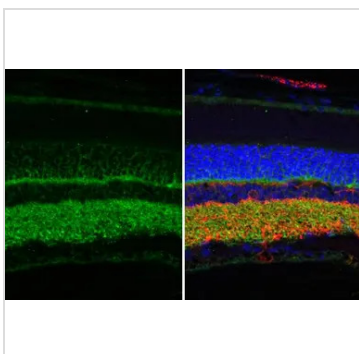
Human tissue extract (5 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [HL1626] (GTX637119) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


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.


GTX637119 WB Image

Drosophila tissue extract (50 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [HL1626] (GTX637119) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


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



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