

# Product Datasheet

## Synaptotagmin 1 Antibody (HL1654) - Azide and BSA Free NBP3-25706

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-25706**

Synaptotagmin 1 Antibody (HL1654) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HL1654
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

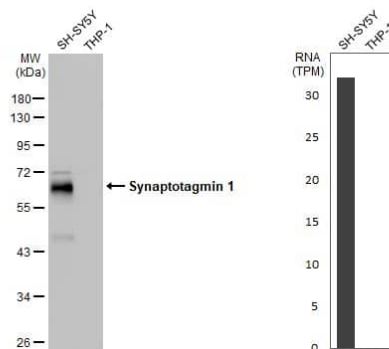
<b>Description</b>	Novus Biologicals Rabbit Synaptotagmin 1 Antibody (HL1654) - Azide and BSA Free (NBP3-25706) is a recombinant monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6857
<b>Gene Symbol</b>	SYT1
<b>Species</b>	Human, Mouse, Rat, Drosophila
<b>Immunogen</b>	Recombinant fragment of human Synaptotagmin 1

**Product Application Details**

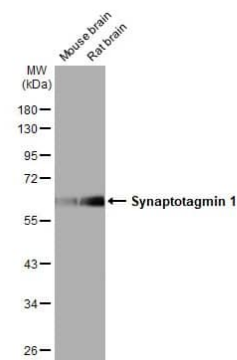
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot, Immunocytochemistry/ Immunofluorescence

**Images**

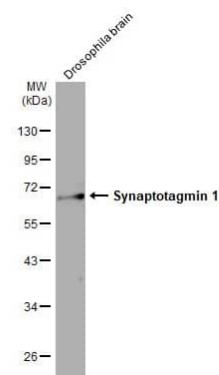
Western Blot: Synaptotagmin 1 Antibody (HL1654) - Azide and BSA Free [NBP3-25706] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [HL1654] (NBP3-25706) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



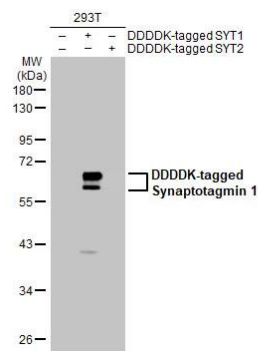
Western Blot: Synaptotagmin 1 Antibody (HL1654) - Azide and BSA Free [NBP3-25706] - Various tissue extracts (50 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [HL1654] (NBP3-25706) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



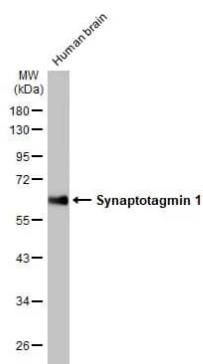
Western Blot: Synaptotagmin 1 Antibody (HL1654) - Azide and BSA Free [NBP3-25706] - Drosophila tissue extract (50 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [HL1654] (NBP3-25706) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



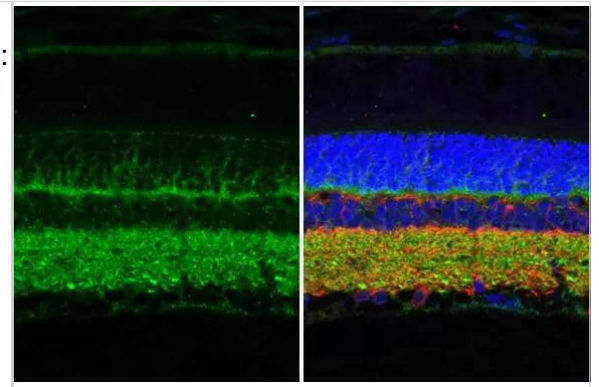
Western Blot: Synaptotagmin 1 Antibody (HL1654) - Azide and BSA Free [NBP3-25706] - Non-transfected (-) and transfected (+) 293T whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [HL1654] (NBP3-25706) diluted at 1:50000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: Synaptotagmin 1 Antibody (HL1654) - Azide and BSA Free [NBP3-25706] - Human tissue extract (5 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [HL1654] (NBP3-25706) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Synaptotagmin 1 antibody [HL1654] detects Synaptotagmin 1 protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded rat eye. Synaptotagmin 1 stained by Synaptotagmin 1 antibody [HL1654] (NBP3-25706) diluted at 1:250. Red: beta Tubulin 3/ Tuj1, a neural marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] diluted at 1:500. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min





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### **Products Related to NBP3-25706**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00006857-P01-10ug	Recombinant Human Synaptotagmin 1 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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