

# Product Datasheet

## Synaptotagmin 1 Antibody (HL1626) - Azide and BSA Free **NBP3-25705**

Unit Size: 100 ul

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-25705](http://www.novusbio.com/NBP3-25705)

Updated 7/31/2025 v.20.1

**Earn rewards for product reviews and publications.**

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP3-25705](http://www.novusbio.com/reviews/destination/NBP3-25705)



# NBP3-25705

## Synaptotagmin 1 Antibody (HL1626) - Azide and BSA Free

### Product Information

Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HL1626
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

### Product Description

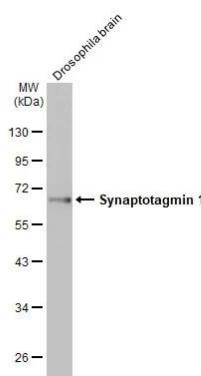
Host	Rabbit
Gene ID	6857
Gene Symbol	SYT1
Species	Human, Mouse, Rat, Drosophila
Immunogen	Recombinant fragment of human Synaptotagmin 1

### Product Application Details

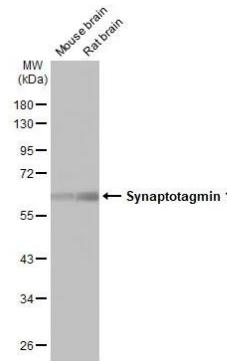
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence

### Images

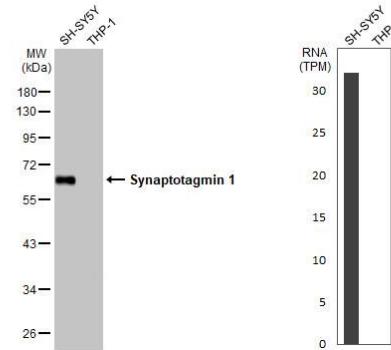
Western Blot: Synaptotagmin 1 Antibody (HL1626) - Azide and BSA Free [NBP3-25705] - Drosophila tissue extract (50 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [HL1626] (NBP3-25705) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



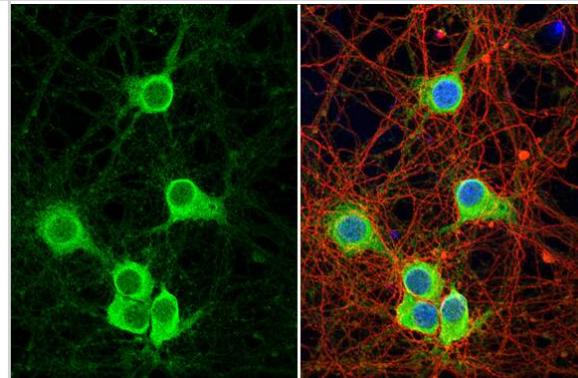
Western Blot: Synaptotagmin 1 Antibody (HL1626) - Azide and BSA Free [NBP3-25705] - Various tissue extracts (50 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [HL1626] (NBP3-25705) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



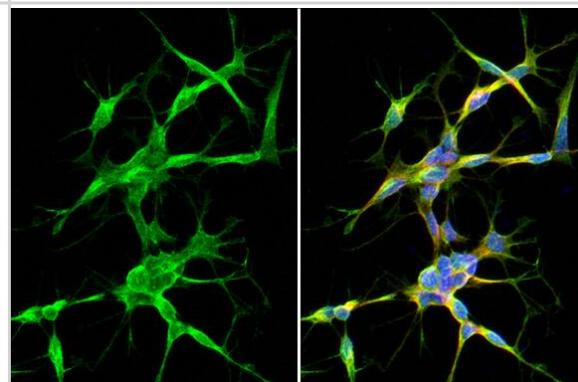
Western Blot: Synaptotagmin 1 Antibody (HL1626) - Azide and BSA Free [NBP3-25705] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [HL1626] (NBP3-25705) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used 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.



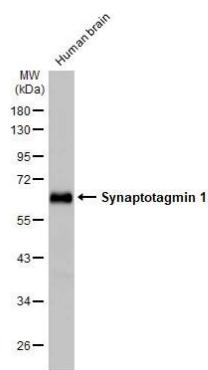
Immunocytochemistry/Immunofluorescence: Synaptotagmin 1 Antibody (HL1626) - Azide and BSA Free [NBP3-25705] - Synaptotagmin 1 antibody [HL1626] detects Synaptotagmin 1 protein at cytoplasm by immunofluorescent analysis. Sample: DIV9 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Synaptotagmin 1 stained by Synaptotagmin 1 antibody [HL1626] (NBP3-25705) diluted at 1:250. Red: Tau, an axon marker, stained by Tau antibody [GT287] diluted at 1:500. Blue: Fluoroshield with DAPI .



Immunocytochemistry/Immunofluorescence: Synaptotagmin 1 Antibody (HL1626) - Azide and BSA Free [NBP3-25705] - Synaptotagmin 1 antibody [HL1626] detects Synaptotagmin 1 protein by immunofluorescent analysis. Sample: SH-SY-5Y cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Synaptotagmin 1 stained by Synaptotagmin 1 antibody [HL1626] (NBP3-25705) diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (NBP2-43837) diluted at 1:1000. Blue: Fluoroshield with DAPI .



Western Blot: Synaptotagmin 1 Antibody (HL1626) - Azide and BSA Free [NBP3-25705] - Human tissue extract (5 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Synaptotagmin 1 antibody [HL1626] (NBP3-25705) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





## Novus Biologicals USA

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

## Bio-Techne Canada

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

## Bio-Techne Ltd

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

## General Contact Information

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

## Products Related to NBP3-25705

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

## 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP3-25705](http://www.novusbio.com/reviews/submit/NBP3-25705)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)