

Product Datasheet

Synaptotagmin 1 Antibody

NBP1-51925

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-51925

Updated 6/9/2022 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-51925




NBP1-51925

Synaptotagmin 1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
Gene ID	6857
Gene Symbol	SYT1
Species	Human
Specificity/Sensitivity	Reported isoforms NP_005630.1, NP_001129277.1 and NP_001129278.1 represent identical protein.
Immunogen	Peptide with sequence C-RDLQSAEKEEQEK corresponding to internal region according to NP_005630.1.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Immunohistochemistry 4 - 6 ug/ml, Immunohistochemistry-Paraffin 4 - 6 ug/ml, Peptide ELISA Detection limit 1:2000
Application Notes	WB: Approx. 65 kDa band observed in human brain is reported in scientific literature (PMID: 7298720). IHC-P: Human brain shows vesicular staining in neuronal cell and axon.

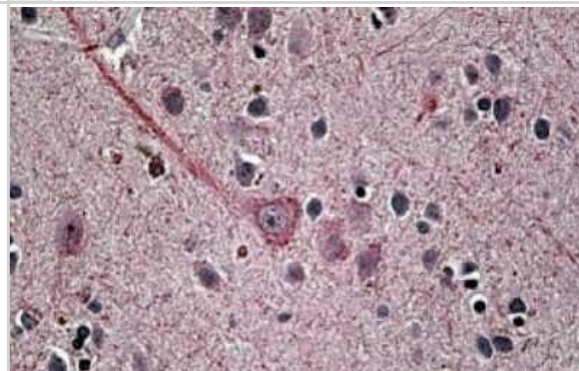
Images

Western Blot: Synaptotagmin-1 Antibody [NBP1-51925] - (1ug/ml)
Human Hippocampus lysate (35ug protein in RIPA buffer). Primary
incubation was 1 hour. Detected by chemiluminescence.



250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Immunohistochemistry-Paraffin: Synaptotagmin-1 Antibody [NBP1-51925] - NBP1-51925 (3.8ug/ml) staining of paraffin embedded Human Brain. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Martens S, Kozlov MM, McMahon HT. How synaptotagmin promotes membrane fusion. Science 2007-05-25 [PMID: 17478680]



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
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-51925

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

