

# Product Datasheet

## Synaptophysin Antibody (SP15)

### NBP1-97459-0.05ml

Unit Size: 0.05 ml

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

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**NBP1-97459-0.05ml****Synaptophysin Antibody (SP15)**

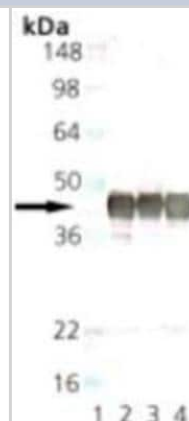
Product Information	
Unit Size	0.05 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SP15
Preservative	0.09% Sodium Azide
Isotype	IgM
Purity	Ammonium sulfate precipitation
Buffer	PBS (pH 7.2) and 50% Glycerol

Product Description	
Host	Mouse
Gene ID	6855
Gene Symbol	SYP
Species	Human, Mouse, Rat, Bovine
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Marker	Pre-synaptic marker
Immunogen	Synaptic vesicle-containing fractions immunoprecipitated from human brain homogenates using anti-human Synaptophysin mAb antibodies.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:10000, Immunohistochemistry 1:50, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This antibody is useful in Immunohistochemistry and Western blot (Detects a band of ~38kDa).

**Images**

Western Blot: Synaptophysin Antibody (SP15) [NBP1-97459] - Analysis of rat liver tissue extract, probed with Synaptophysin, mAb (SP15).



## Publications

Huard DJE, Demissie A, Kim D et al. Atomic Structure of a Fluorescent Ag 8 Cluster Templated by a Multistranded DNA Scaffold. Journal of the American Chemical Society 2020-11-09 [PMID: 30562465]

Lendvai G, Szekercz T, Illy I et al. Cholangiocarcinoma: Classification, Histopathology and Molecular Carcinogenesis. Pathology oncology research : POR 2020-12-11 [PMID: 30448973]

Marsh J, Bagol SH, Williams RSB et al. Synapsin I phosphorylation is dysregulated by beta-amyloid oligomers and restored by valproic acid. Neurobiol. Dis. 2017-06-21 [PMID: 28647556]

From neurons to behaviors. The development of mastication in rodents. Arch. Oral Biol. 52, 313. 2007-01-01 [PMID: 17055446] (IF/IHC, Mouse)

P Davies et al. Human synaptic proteins with a heterogeneous distribution in cerebellum and visual cortex. Brain Res. 609, 20. 1993-01-01 [PMID: 7685234] (WB, Human)





### **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  
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.

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