

# Product Datasheet

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

Unit Size: 0.05 ml

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

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



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

### Publications: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-97459](http://www.novusbio.com/NBP1-97459)

Updated 1/4/2025 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/NBP1-97459](http://www.novusbio.com/reviews/destination/NBP1-97459)



**NBP1-97459-0.05ml**

## Synaptophysin Antibody (SP15)

**Product Information**

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

**Product Description**

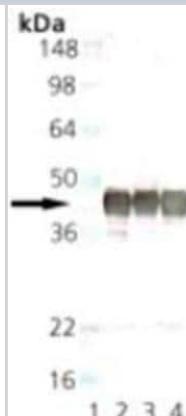
<b>Host</b>	Mouse
<b>Gene ID</b>	6855
<b>Gene Symbol</b>	SYP
<b>Species</b>	Human, Mouse, Rat, Bovine
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments.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

**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:10000, Immunohistochemistry 1:50, Immunohistochemistry-Paraffin 1:10-1:500
<b>Application Notes</b>	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 Tempered by a Multistranded DNA Scaffold. *Journal of the American Chemical Society* 2020-11-09 [PMID: 30562465]

Lendvai G, Szekerczás T, Illyás 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](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)

## 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/NBP1-97459](http://www.novusbio.com/reviews/submit/NBP1-97459)**

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