

# Product Datasheet

## Synaptophysin Antibody (7H12) - BSA Free NBP1-47483

Unit Size: 0.1 ml

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

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**NBP1-47483**

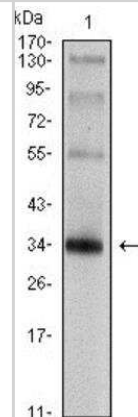
Synaptophysin Antibody (7H12) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7H12
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Ammonium sulfate precipitation
Buffer	PBS
Target Molecular Weight	33.8 kDa
Product Description	
Host	Mouse
Gene ID	6855
Gene Symbol	SYP
Species	Human, Rat
Marker	Pre-synaptic marker
Immunogen	Purified recombinant fragment of human Synaptophysin expressed in E. coli. [UniProt# P08247]
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500 - 1:2000, ELISA 1:10000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200 - 1:1000

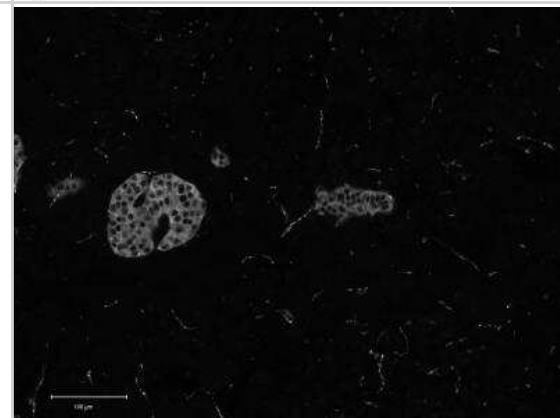


## Images

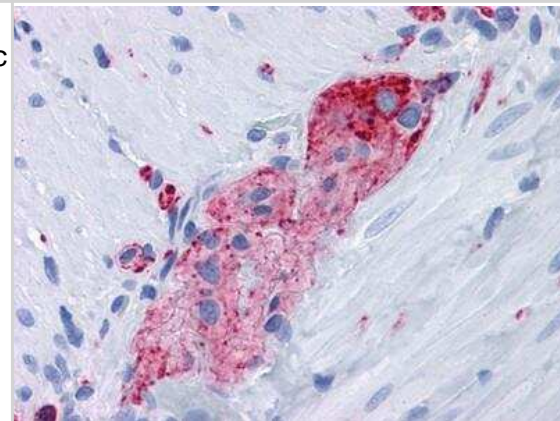
Western Blot: Synaptophysin Antibody (7H12) [NBP1-47483] - Analysis using Synaptophysin mouse mAb against rat brain tissue lysate.



Immunohistochemistry-Paraffin: Synaptophysin Antibody (7H12) [NBP1-47483] - Human pancreas (FFPE) stained with Synaptophysin antibody. pH 9 HIER antigen retrieval. Image from verified customer review.



Immunohistochemistry-Paraffin: Synaptophysin Antibody (7H12) [NBP1-47483] - Analysis of paraffin-embedded human small intestine, myenteric plexus tissues using anti-Synaptophysin mouse mAb.



## Publications

Kumar A, Su Y, Sharma M et al. MicroRNA expression in extracellular vesicles as a novel blood-based biomarker for Alzheimer's disease Alzheimer's & dementia : the journal of the Alzheimer's Association 2023-04-18 [PMID: 37071449] (FLOW, Human)

Rovira-ClavE X, Drainas AP, Jiang S et al. Spatial epitope barcoding reveals clonal tumor patch behaviors Cancer cell 2022-10-12 [PMID: 36240778] (IHC-P, Human)

Collier C, Muzzio N, Thevi Guntnur R et al. Wireless Force-Inducing Neuronal Stimulation Mediated by High Magnetic Moment Microdiscs Advanced healthcare materials 2021-12-10 [PMID: 34890130] (IF/IHC, Rat)



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### **Products Related to NBP1-47483**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00006855-P01-10ug	Recombinant Human Synaptophysin 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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