

Product Datasheet

Synaptophysin Antibody (7H12) [Alexa Fluor® 647] NBP1-47483AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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Publications: 3

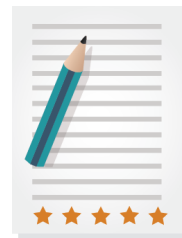
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NBP1-47483AF647

Synaptophysin Antibody (7H12) [Alexa Fluor® 647]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	7H12
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 647
Purity	Ammonium sulfate precipitation
Buffer	50mM Sodium Borate

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]
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Publications

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]

Gomez A, Muzzio N, Dudek A et al. Elucidating Mechanotransduction Processes During Magnetomechanical Neuromodulation Mediated by Magnetic Nanodiscs *Cellular and Molecular Bioengineering* 2023-09-20 [PMID: 37811002]

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)





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Products Related to NBP1-47483AF647

NBP1-97005AF647	Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 647]
H00006855-P01-10ug	Recombinant Human Synaptophysin GST (N-Term) Protein
DBD00	BDNF [HRP]
NBP2-25170PEP	Synaptophysin Antibody Blocking Peptide

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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