

# Product Datasheet

## Synaptophysin Antibody (SYP/4503R) [DyLight 594] NBP3-08213DL594

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08213DL594**

Synaptophysin Antibody (SYP/4503R) [DyLight 594]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	SYP/4503R
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	DyLight 594
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rabbit
Gene ID	6855
Gene Symbol	SYP
Species	Human
Marker	Neuroendocrine Marker
Specificity/Sensitivity	This recombinant rabbit monoclonal antibody recognizes a protein of 38kDa that is identified as synaptophysin. It is an N-glycosylated integral membrane protein found in neurons and endocrine cells. Synaptophysin contains four transmembrane domains and may function as a gap junction-like channel. This antibody identifies normal neuroendocrine cells and neuroendocrine neoplasms. Diffuse, finely granular, cytoplasmic staining is observed, which probably correlates with the distribution of the antigen within neurosecretory vesicles. Synaptophysin is an independent, broad-range marker of neural and neuroendocrine differentiation.
Immunogen	Recombinant fragment (around aa 224-313) of human Synaptophysin (SYP) protein (exact sequence is proprietary) (Uniprot: IDP08247)
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

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





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### **Products Related to NBP3-08213DL594**

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NBP2-24891DL594	Rabbit IgG Isotype Control [DyLight 594]
H00006855-P01-10ug	Recombinant Human Synaptophysin GST (N-Term) Protein
DBD00	BDNF [HRP]
NBP2-25170PEP	Synaptophysin Antibody Blocking Peptide

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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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