

Product Datasheet

Synaptotagmin 4 Antibody - BSA Free **NBP2-13408**

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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Updated 10/28/2025 v.20.1

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NBP2-13408**Synaptotagmin 4 Antibody - BSA Free****Product Information**

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

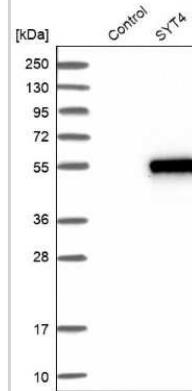
Description	Novus Biologicals Rabbit Synaptotagmin 4 Antibody - BSA Free (NBP2-13408) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6860
Gene Symbol	SYT4
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (87%)
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: SNKTPPYKFVHLKGDIYPENLNSKKFGADDKNEVKNKPAVPKNSLHLDLEK RDLNGNFPKTNLKPGSPSDLENATPKLFLEGEKESVSPESLKSSTSLTSEEKQE KLGTLFFSLEYNFERKAFVVNIKEARGLPAMDEQSMT

Product Application Details

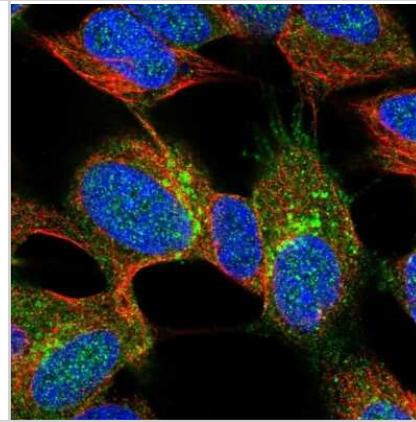
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

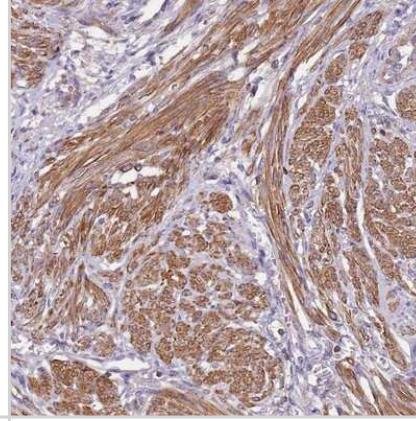
Western Blot: Synaptotagmin 4 Antibody [NBP2-13408] - Analysis in control (vector only transfected HEK293T lysate) and SYT4 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



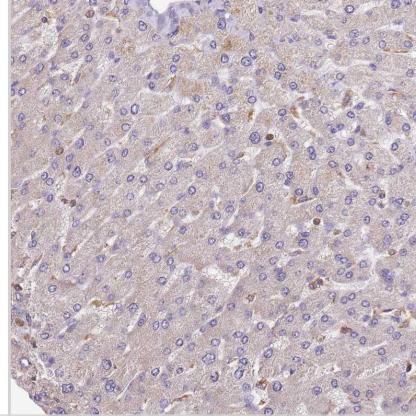
Immunocytochemistry/Immunofluorescence: Synaptotagmin 4 Antibody [NBP2-13408] - Immunofluorescent staining of human cell line SH-SY5Y shows localization to plasma membrane & vesicles.



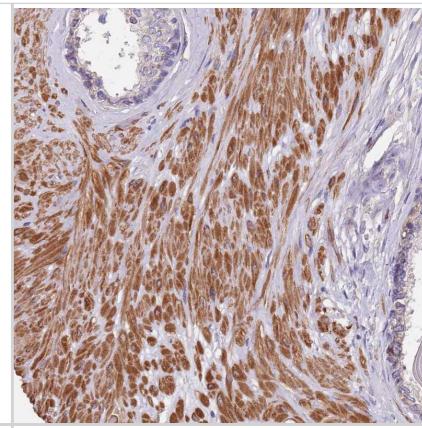
Immunohistochemistry-Paraffin: Synaptotagmin 4 Antibody [NBP2-13408] - Staining of human smooth muscle shows moderate cytoplasmic positivity in muscle cells.



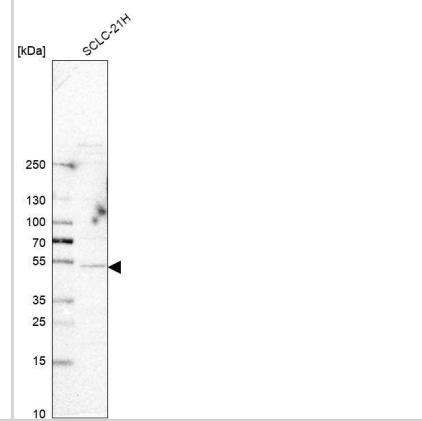
Staining of human liver shows very weak positivity in hepatocytes as expected.



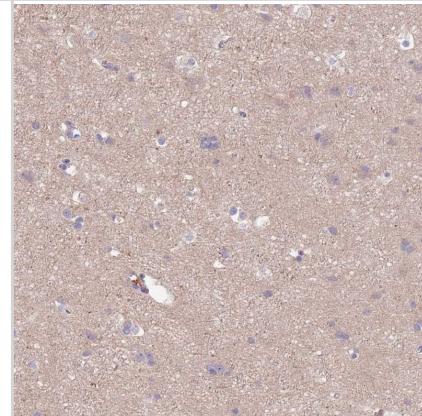
Staining of human prostate shows moderate cytoplasmic positivity in smooth muscle cells.



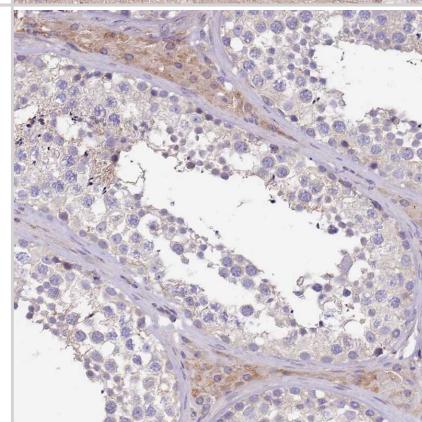
Analysis in human cell line SCLC-21H.



Staining of human cerebral cortex shows weak cytoplasmic positivity in neuropil.



Staining of human testis shows weak cytoplasmic positivity in Leydig cells.





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Products Related to NBP2-13408

NBP2-13408PEP	Synaptotagmin 4 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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

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