

Product Datasheet

Synaptopodin Antibody - BSA Free NBP1-87887

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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NBP1-87887

Synaptopodin 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

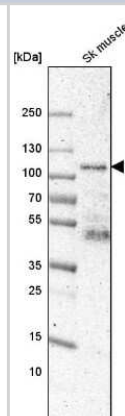
Host	Rabbit
Gene ID	11346
Gene Symbol	SYNPO
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (80%). Reactivity reported in scientific literature (PMID: 23435261)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TTPTKVYSEVHFTLAKPPSVVNRTARPFGIQAPGGTSQMERSPMLERRHFGEK APAPQPPSLPDRSPRPQRHIMSRSPMVERRMMGQRS

Product Application Details

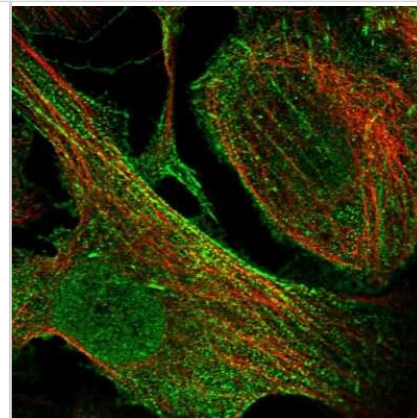
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

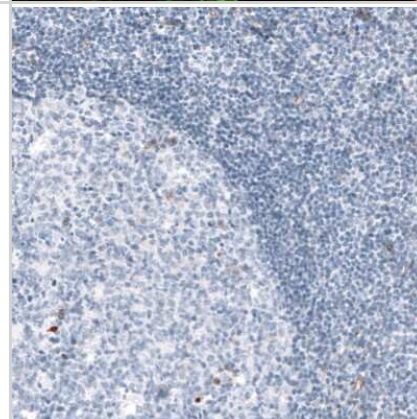
Western Blot: Synaptopodin Antibody [NBP1-87887] - Analysis in human skeletal muscle tissue.



Immunocytochemistry/Immunofluorescence: Synaptopodin Antibody [NBP1-87887] - Staining of human cell line U-2 OS shows localization to nucleoplasm, cytosol & actin filaments. Antibody staining is shown in green.



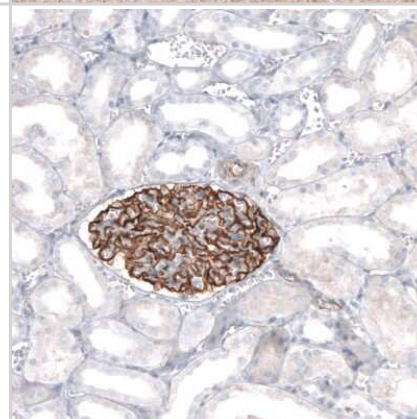
Immunohistochemistry-Paraffin: Synaptopodin Antibody [NBP1-87887] - Staining of human tonsil shows no positivity in lymphoid cells as expected.



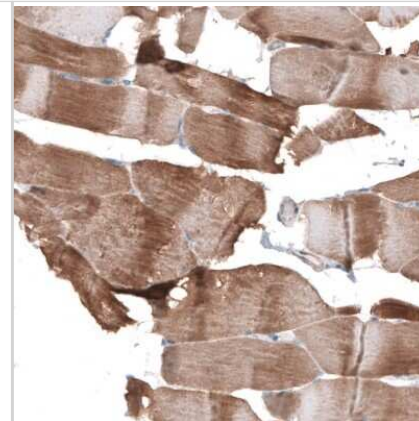
Immunohistochemistry-Paraffin: Synaptopodin Antibody [NBP1-87887] - Staining of human cerebral cortex shows moderate positivity in neuropil.



Immunohistochemistry-Paraffin: Synaptopodin Antibody [NBP1-87887] - Staining of human kidney shows strong membranous positivity in cells in glomeruli.



Immunohistochemistry-Paraffin: Synaptopodin Antibody [NBP1-87887] - Staining of human skeletal muscle shows moderate cytoplasmic positivity in striated muscle fibers.



Publications

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]



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Products Related to NBP1-87887

NBP1-87887PEP	Synaptopodin 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.

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