

Product Datasheet

VAMP4 Antibody - BSA Free

NBP2-13512

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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Publications: 1

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Updated 9/9/2025 v.20.1

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NBP2-13512

VAMP4 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

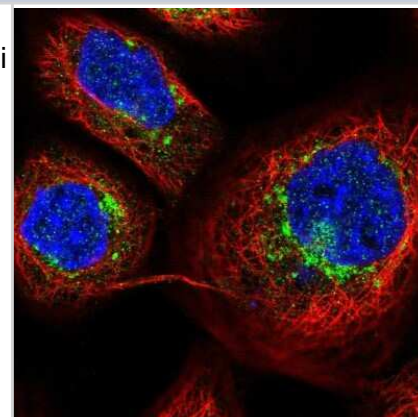
Description	Novus Biologicals Rabbit VAMP4 Antibody - BSA Free (NBP2-13512) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-VAMP4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8674
Gene Symbol	VAMP4
Species	Human
Marker	Vesicle Marker, Golgi Apparatus Marker
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: MPPKFKRHLNDDDDVTGSKSERRNLLEDDSDDEEDFFLRGPSGPRFGPRNDK

Product Application Details

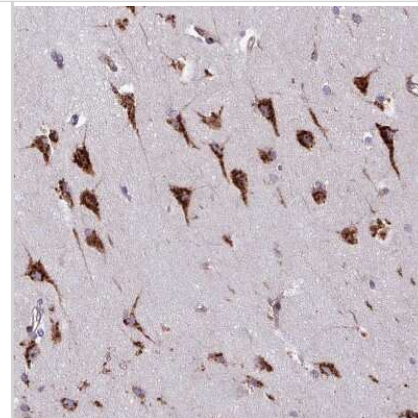
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

Immunocytochemistry/Immunofluorescence: VAMP4 Antibody [NBP2-13512] - Staining of human cell line A-431 shows localization to the Golgi apparatus. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: VAMP4 Antibody [NBP2-13512] - Staining of human cerebral cortex shows strong granular cytoplasmic positivity in neurons.



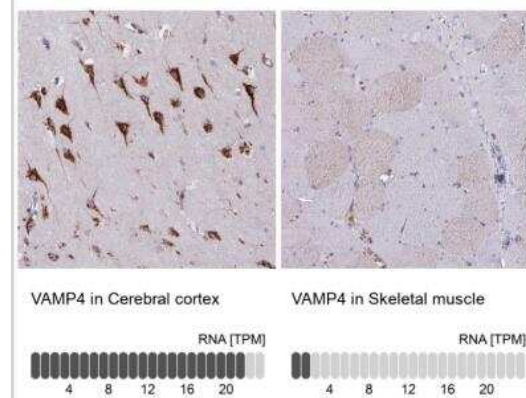
Immunohistochemistry-Paraffin: VAMP4 Antibody [NBP2-13512] - Staining of human endometrium shows moderate granular cytoplasmic positivity in glandular cells



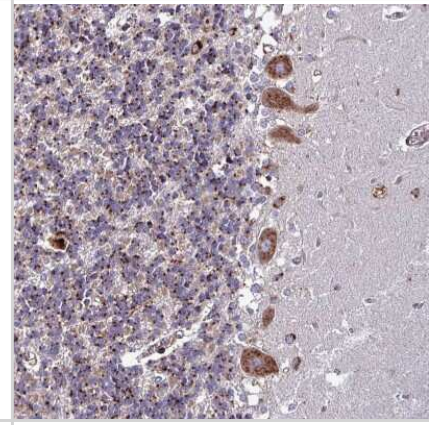
Immunohistochemistry-Paraffin: VAMP4 Antibody [NBP2-13512] - Staining of human skeletal muscle shows weak positivity in myocytes.



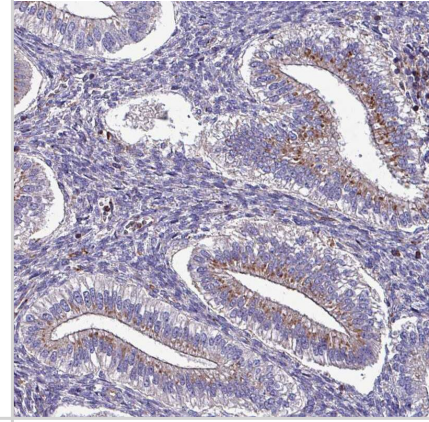
Immunohistochemistry-Paraffin: VAMP4 Antibody [NBP2-13512] - Analysis in human cerebral cortex and skeletal muscle tissues. Corresponding VAMP4 RNA-seq data are presented for the same tissues.



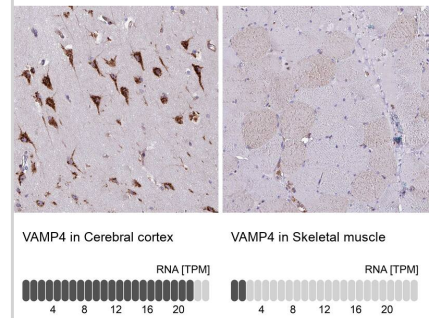
Immunohistochemistry-Paraffin: VAMP4 Antibody [NBP2-13512] - Staining of human cerebellum shows moderate granular cytoplasmic positivity in Purkinje cells.



Staining of human endometrium shows moderate granular cytoplasmic positivity in glandular cells.



Analysis in human cerebral cortex and skeletal muscle tissues using NBP2-13512 antibody. Corresponding VAMP4 RNA-seq data are presented for the same tissues.



Publications

Gu Y, Princely Y, Kumar S et al. Mammalian Atg8 proteins regulate lysosome and autolysosome biogenesis through SNAREs. EMBO J. 2019-10-18 [PMID: 31625181]



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Products Related to NBP2-13512

NBP2-13512PEP	VAMP4 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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