

Product Datasheet

Syntaxin 16 Antibody - BSA Free **NBP1-92467**

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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NBP1-92467

Syntaxin 16 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

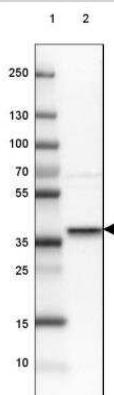
Description	Novus Biologicals Rabbit Syntaxin 16 Antibody - BSA Free (NBP1-92467) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-Syntaxin 16 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8675
Gene Symbol	STX16
Species	Human
Reactivity Notes	Rat (87%).
Marker	Trans-Golgi Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SPLHSRSIAAELDELADDRMALVSGISLDPEAAIGVTKRPPPKWVDGVDEIQYD VGRIKQKMKELASLHDKHLNRPTLDDSSEEHAIEITTQEITQLFHR

Product Application Details

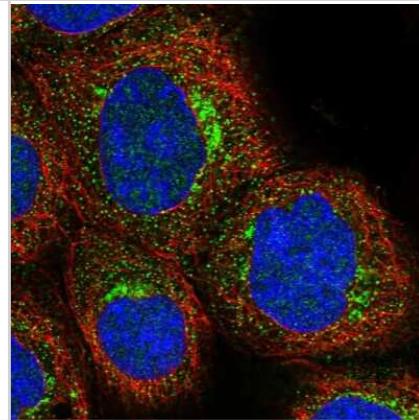
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:100, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. See Simple Western Antibody Database for Simple Western validation: Tested in MCF-7 lysates, separated by Size, antibody dilution of 1:100

Images

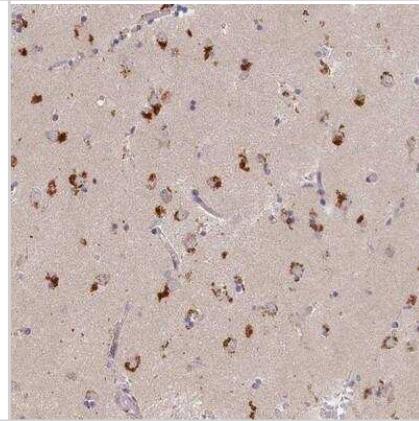
Western Blot: Syntaxin 16 Antibody [NBP1-92467] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10 Lane 2: Human cell line MCF-7



Immunocytochemistry/Immunofluorescence: Syntaxin 16 Antibody [NBP1-92467] - Staining of human cell line A-431 shows localization to vesicles. Antibody staining is shown in green.



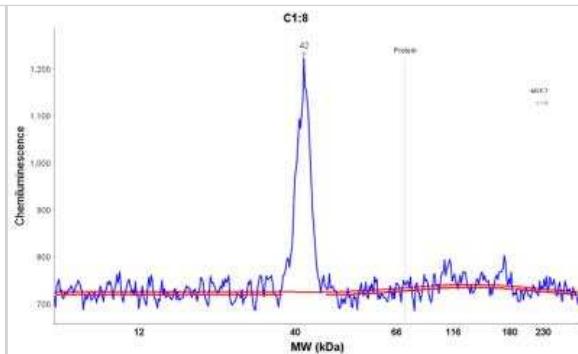
Immunohistochemistry-Paraffin: Syntaxin 16 Antibody [NBP1-92467] - Staining of human lateral ventricle shows strong cytoplasmic positivity in neuronal cells.



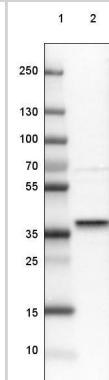
Simple Western: Syntaxin 16 Antibody [NBP1-92467] - Simple Western lane view shows a specific band for Syntaxin 16 in 0.2 mg/ml of MCF-7 lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation systems.



Simple Western: Syntaxin 16 Antibody [NBP1-92467] -
 Electropherogram image of the corresponding Simple Western lane view. Syntaxin 16 antibody was used at 1:100 dilution on MCF-7 lysate (s) respectively.



Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
 Lane 2: Human cell line MCF-7



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 NBP1-92467

NBP1-92467PEP	Syntaxin 16 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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