

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 |

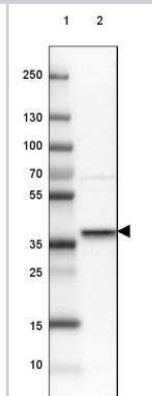
| Product Description | |
|----------------------------|--|
| Description | Novus Biologicals Rabbit Syntaxin 16 Antibody - BSA Free (NBP1-92467) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-Syntaxin 16 Antibody: Cited in 1 publication. All Novus Biologicals 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 VGRIKQKMKELASLHDKHLNRPTLDDSSSEEEHAIEITTQEITQLFHR |

| 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 |

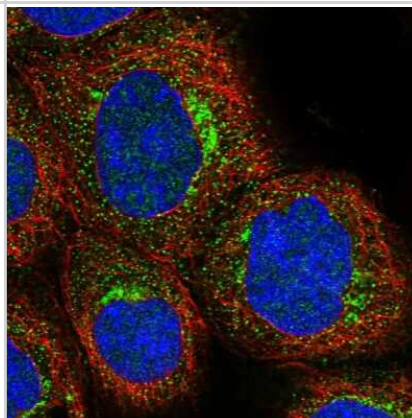


Images

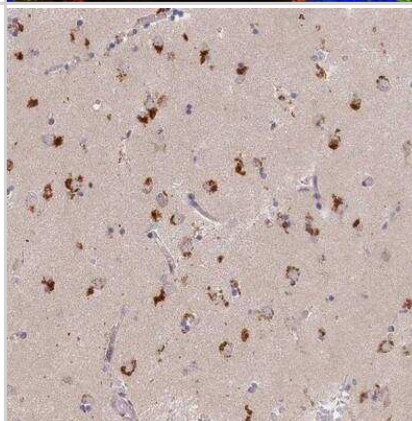
Western Blot: Syntaxin 16 Antibody [NBP1-92467] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10 Lane 2: Human cell line MCF-7



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



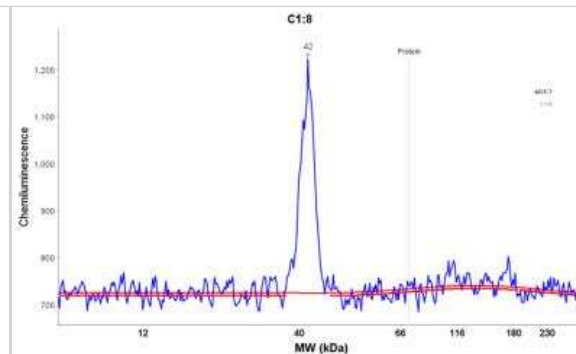
Immunohistochemistry-Paraffin: Syntaxin 16 Antibody [NBP1-92467] - Staining of human lateral ventricle shows strong cytoplasmic positivity in neuronal cells.



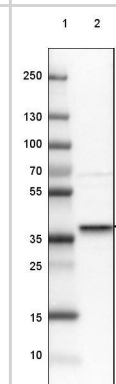
Simple Western: Syntaxin 16 Antibody [NBP1-92467] - Simple Western lane view shows a specific band for Syntaxin 16 in 0.2 mg/ml of MCF-7 lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation systems.



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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