

# Product Datasheet

## Syntaxin 4 Antibody (PSH0-80) NBP3-32990

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-32990**

Syntaxin 4 Antibody (PSH0-80)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH0-80
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	34 kDa

Product Description	
Description	Novus Biologicals Rabbit Syntaxin 4 Antibody (PSH0-80) (NBP3-32990) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6810
Gene Symbol	STX4
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human Syntaxin 4 aa 1-275 / 297. (Uniprot: Q12846)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000



## Images

Western Blot: Syntaxin 4 Antibody (PSH0-80) [NBP3-32990] - Western blot analysis of Syntaxin 4 on different lysates with Rabbit anti-Syntaxin 4 antibody (NBP3-32990) at 1/1,000 dilution.

Lane 1: 293T cell lysate (20 ug/Lane)  
 Lane 2: HeLa cell lysate (20 ug/Lane)  
 Lane 3: A431 cell lysate (20 ug/Lane)  
 Lane 4: A549 cell lysate (20 ug/Lane)  
 Lane 5: K-562 cell lysate (20 ug/Lane)  
 Lane 6: MCF7 cell lysate (20 ug/Lane)  
 Lane 7: HCT 116 cell lysate (20 ug/Lane)  
 Lane 8: U-87 MG cell lysate (20 ug/Lane)  
 Lane 9: HUVEC cell lysate (20 ug/Lane)  
 Lane 10: NIH/3T3 cell lysate (20 ug/Lane)  
 Lane 11: RAW264.7 cell lysate (20 ug/Lane)  
 Lane 12: PC-12 cell lysate (20 ug/Lane)  
 Lane 13: Mouse kidney tissue lysate (40 ug/Lane)  
 Lane 14: Rat kidney tissue lysate (40 ug/Lane)

Predicted band size: 34 kDa  
 Observed band size: 34/65 kDa

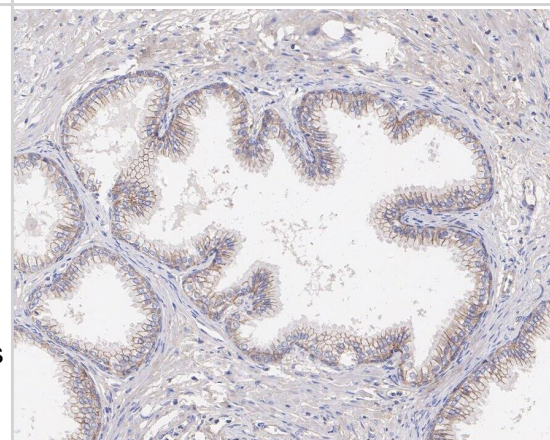
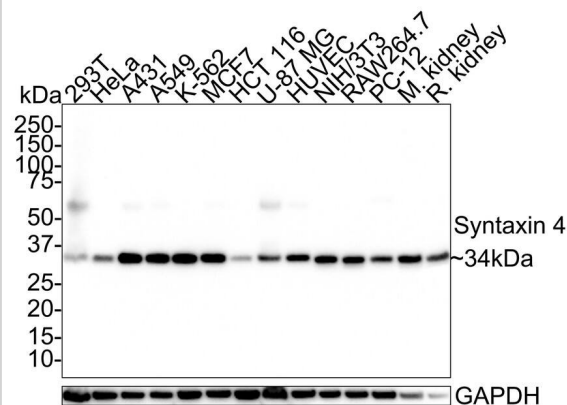
Exposure time: 40 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32990) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Syntaxin 4 Antibody (PSH0-80) [NBP3-32990] - Immunohistochemical analysis of paraffin-embedded human prostate tissue with Rabbit anti-Syntaxin 4 antibody (NBP3-32990) at 1/1,000 dilution.

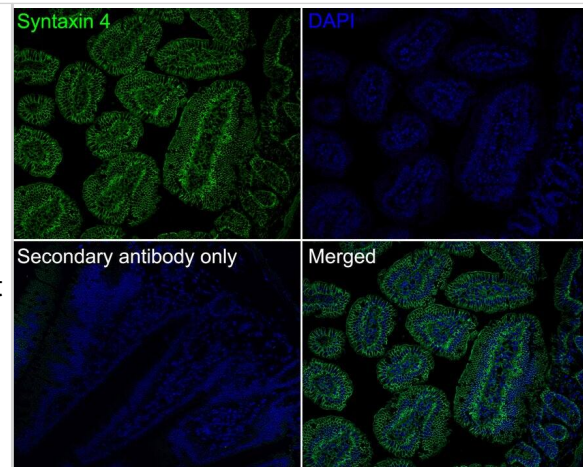
The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32990) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry: Syntaxin 4 Antibody (PSH0-80) [NBP3-32990] - Immunofluorescence analysis of paraffin-embedded mouse small intestine tissue labeling Syntaxin 4 with Rabbit anti-Syntaxin 4 antibody (NBP3-32990) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (NBP3-32990, green) at 1/200 dilution overnight at 4 °C, washed with PBS.

Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).





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### **Products Related to NBP3-32990**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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