

Product Datasheet

Myosin VIIb Antibody - BSA Free NBP3-27882

Unit Size: 0.1 mg

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

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NBP3-27882

Myosin VIIb Antibody - BSA Free

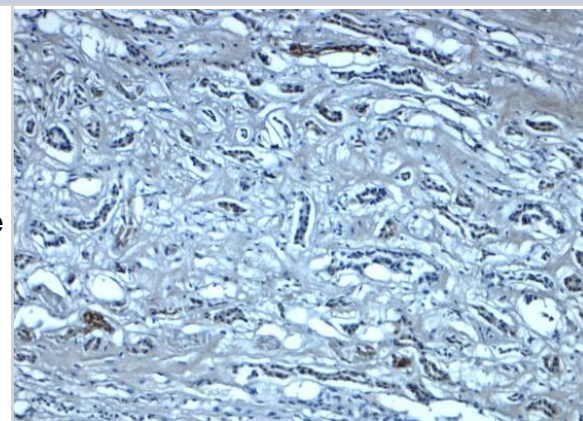
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Purity	Peptide affinity purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit Myosin VIIb Antibody - BSA Free (NBP3-27882) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4648
Gene Symbol	MYO7B
Species	Human, Mouse
Immunogen	Myosin VIIb antibody was raised against a peptide corresponding to 15 amino acids near the center of human Myosin VIIb. The immunogen is located within amino acids 1100-1150 of Myosin VIIb.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1 - 2 ug/mL, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 5 ug/mL

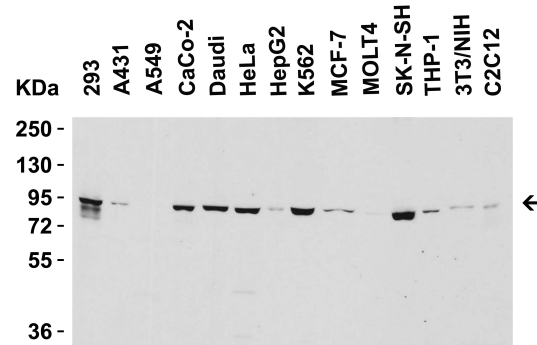
Images**Immunohistochemistry: Myosin VIIb Antibody [NBP3-27882] - Figure 3 Immunohistochemistry Validation of Myosin VIIb in Human Kidney Tissue**

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Myosin VIIb antibody at 5 u/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.

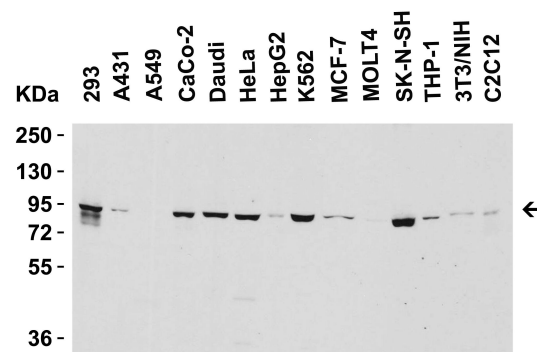


Western Blot: Myosin VIIb Antibody [NBP3-27882] - Figure 2 Western Blot Validation in Human and Mouse Cell Lines

Loading: 15 u of lysates per lane. Antibodies: Myosin VIIb (2 u/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.

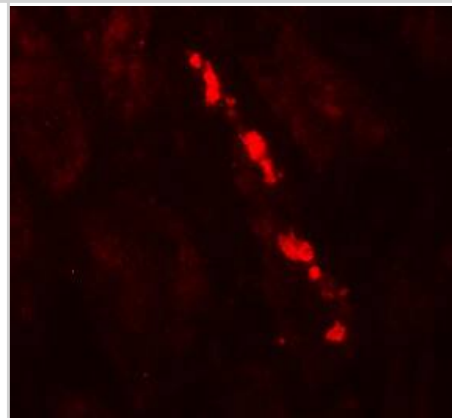


Western Blot: Myosin VIIb Antibody [NBP3-27882] - Figure 2 Western Blot Validation in Human and Mouse Cell Lines Loading: 15 u of lysates per lane. Antibodies: Myosin VIIb (2 u/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.

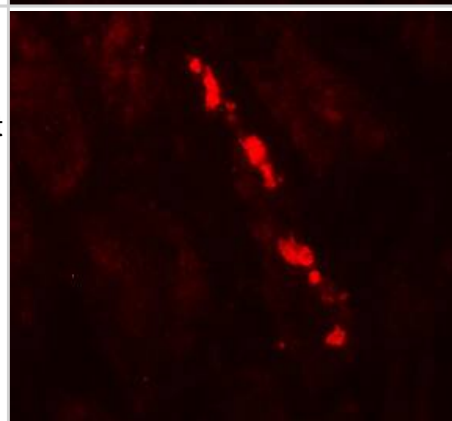


Immunocytochemistry/ Immunofluorescence: Myosin VIIb Antibody [NBP3-27882] - Figure 4 Immunofluorescence Validation of Myosin VIIb in Human Kidney Tissue

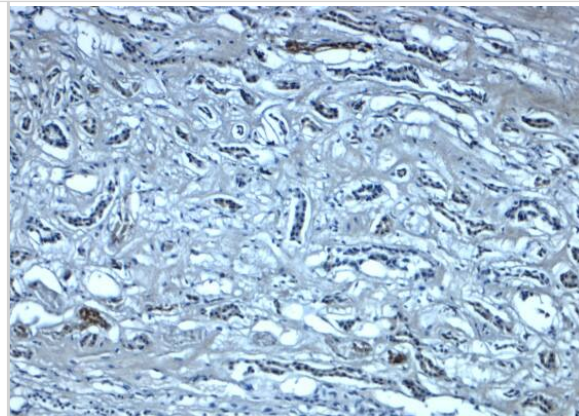
Immunofluorescent analysis of 4% paraformaldehyde-fixed human kidney tissue labeling Myosin VIIb with at 20 u/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red).



Immunocytochemistry/ Immunofluorescence: Myosin VIIb Antibody [NBP3-27882] - Figure 4 Immunofluorescence Validation of Myosin VIIb in Human Kidney Tissue Immunofluorescent analysis of 4% paraformaldehyde-fixed human kidney tissue labeling Myosin VIIb with at 20 u/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red).

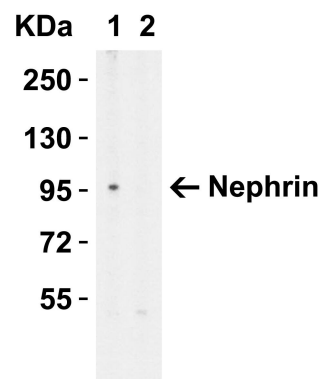


Immunohistochemistry: Myosin VIIb Antibody [NBP3-27882] - Figure 3
Immunohistochemistry Validation of Myosin VIIb in Human Kidney
 Tissue immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Myosin VIIb antibody at 5 u/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.

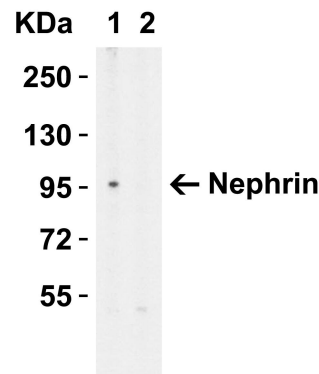


Western Blot: Myosin VIIb Antibody [NBP3-27882] - Figure 1 Western Blot Validation in HeLa Cell Lysate with (A) the Absence and (B) the Presence of Blocking Peptide

Loading: 15 u of lysates per lane. Antibodies: Myosin VIIb (1 u/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



Western Blot: Myosin VIIb Antibody [NBP3-27882] - Figure 1 Western Blot Validation in HeLa Cell Lysate with (A) the Absence and (B) the Presence of Blocking Peptide
 Loading: 15 u of lysates per lane. Antibodies: Myosin VIIb (1 u/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.





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Products Related to NBP3-27882

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]
NBP1-87506PEP	Myosin VIIb Recombinant Protein Antigen

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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