

Product Datasheet

tropomyosin-2 Antibody (PSH02-63)

NBP3-33059

Unit Size: 100 ul

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

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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	PSH02-63
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	33 kDa

Product Description	
Host	Rabbit
Gene ID	7169
Gene Symbol	TPM2
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within human tropomyosin-2 aa 200-250 / 284. (Uniprot: P07951)

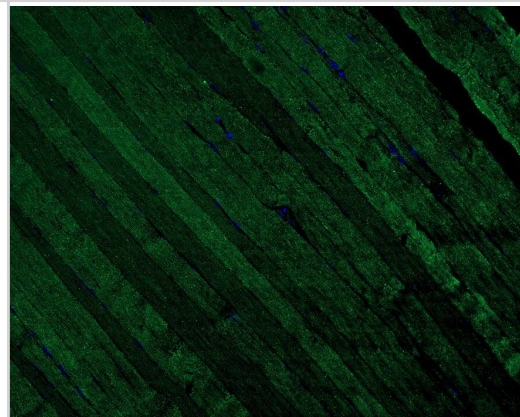
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000



Images

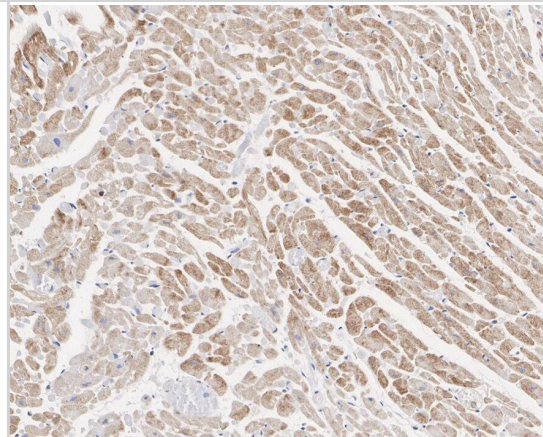
Immunohistochemistry: tropomyosin-2 Antibody (PSH02-63) [NBP3-33059] - Immunofluorescence analysis of paraffin-embedded human striated muscle tissue labeling tropomyosin-2 with Rabbit anti-tropomyosin-2 antibody (NBP3-33059) at 1/200 dilution.

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 (NBP3-33059, 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).



Immunohistochemistry: tropomyosin-2 Antibody (PSH02-63) [NBP3-33059] - Immunohistochemical analysis of paraffin-embedded human heart tissue with Rabbit anti-tropomyosin-2 antibody (NBP3-33059) 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 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-33059) at 1/200 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.



Western Blot: tropomyosin-2 Antibody (PSH02-63) [NBP3-33059] - Western blot analysis of tropomyosin-2 on different lysates with Rabbit anti-tropomyosin-2 antibody (NBP3-33059) at 1/1,000 dilution.

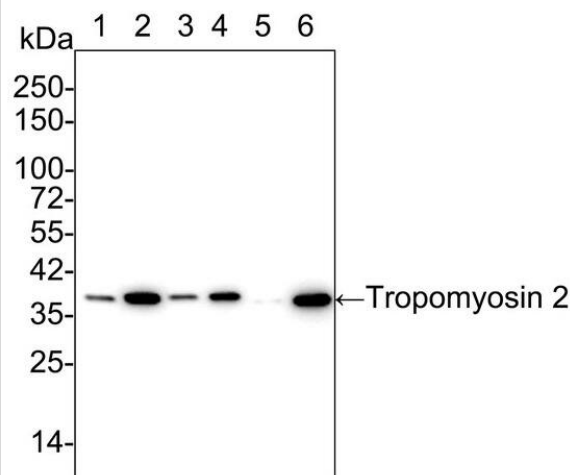
Lane 1: U-2 OS cell lysate
 Lane 2: Saos-2 cell lysate
 Lane 3: NIH/3T3 cell lysate
 Lane 4: C2C12 cell lysate
 Lane 5: Mouse skeletal muscle tissue lysate
 Lane 6: Rat skeletal muscle tissue lysate

Lysates/proteins at 20 µg/Lane.

Predicted band size: 33 kDa
 Observed band size: 37 kDa

Exposure time: 3 minutes;
 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 at 1/1,000 dilution was used in 5% NFDM/TBST at 4 °C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.





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Products Related to NBP3-33059

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-50957-0.01mg	Recombinant Human tropomyosin-2 His Protein

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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