

Product Datasheet

Tropomyosin-1 Antibody (5Q2H6) NBP3-16689-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-16689-100ul

Tropomyosin-1 Antibody (5Q2H6)

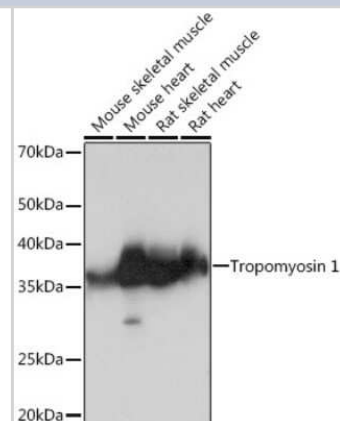
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5Q2H6
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description	
Description	Novus Biologicals Rabbit Tropomyosin-1 Antibody (5Q2H6) (NBP3-16689) is a recombinant monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7168
Gene Symbol	TPM1
Species	Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 185-284 of human Tropomyosin-1 (P09493). LSEGKCAELEEEELKTVTNNLKSLEAQAQEKYSQKEDRYEEEIKVLSDKLKEAETR AEFAERSVTKLEKSIDDLEDELYAQLKLYKAISEELDHALNDMTSI

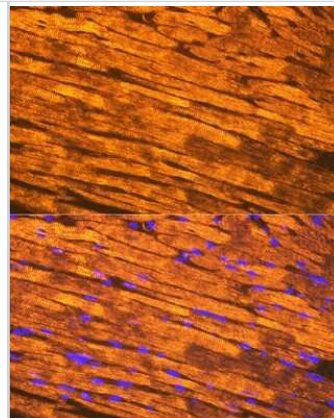
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500 - 1:2000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:50 - 1:200

Images

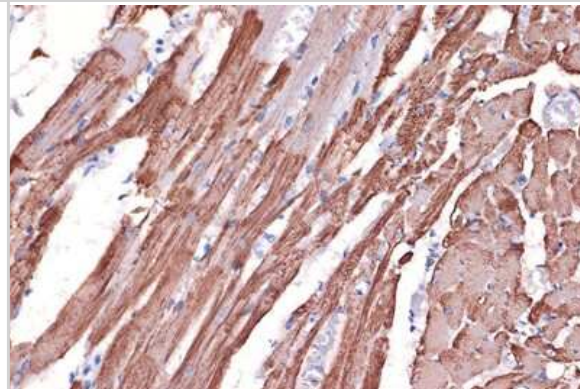
Western Blot: Tropomyosin-1 Antibody (5Q2H6) [NBP3-16689] - Analysis of extracts of various cell lines, using Tropomyosin-1 Rabbit mAb (NBP3-16689) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



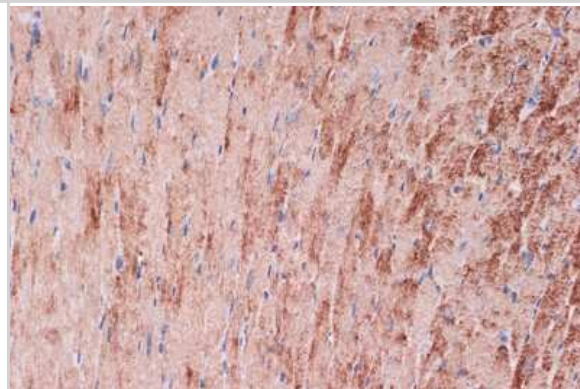
Immunohistochemistry: Tropomyosin-1 Antibody (5Q2H6) [NBP3-16689]
- Analysis of mouse heart using Tropomyosin-1 Rabbit mAb (NBP3-16689) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



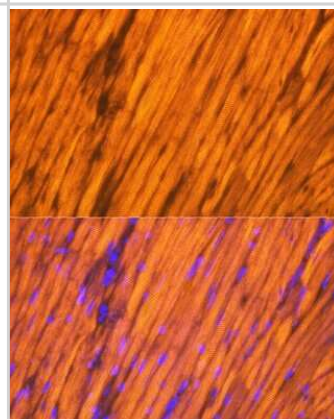
Immunohistochemistry-Paraffin: Tropomyosin-1 Antibody (5Q2H6) [NBP3-16689] - Rat heart using Tropomyosin-1 Rabbit mAb (NBP3-16689) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



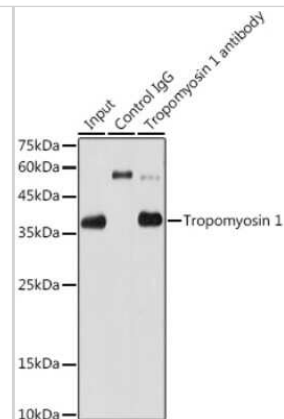
Immunohistochemistry-Paraffin: Tropomyosin-1 Antibody (5Q2H6) [NBP3-16689] - Mouse heart using Tropomyosin-1 Rabbit mAb (NBP3-16689) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



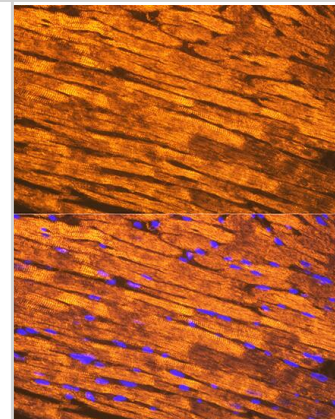
Immunohistochemistry: Tropomyosin-1 Antibody (5Q2H6) [NBP3-16689]
- Analysis of rat heart using Tropomyosin-1 Rabbit mAb (NBP3-16689) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation: Tropomyosin-1 Antibody (5Q2H6) [NBP3-16689] - Analysis of 600ug extracts of Rat heart cells using 3ug Tropomyosin-1 antibody (NBP3-16689). Western blot was performed from the immunoprecipitate using Tropomyosin-1 antibody (NBP3-16689) at a dilution of 1:1000.



Immunocytochemistry/ Immunofluorescence: Tropomyosin-1 Antibody (5Q2H6) [NBP3-16689] - Immunofluorescence analysis of paraffin-embedded mouse heart using Tropomyosin-1 Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.





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Products Related to NBP3-16689-100ul

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

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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