

# Product Datasheet

## Tropomyosin-1 Antibody - BSA Free NBP1-33716

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP1-33716**

Tropomyosin-1 Antibody - BSA Free

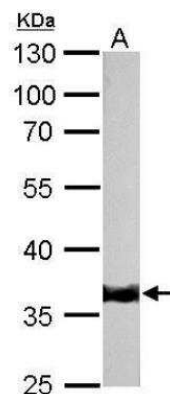
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 20% Glycerol
<b>Target Molecular Weight</b>	33 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Tropomyosin-1 Antibody - BSA Free (NBP1-33716) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7168
<b>Gene Symbol</b>	TPM1
<b>Species</b>	Human, Mouse, Rat, Porcine
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Zebrafish (80%), Xenopus laevis (83%), Rabbit (88%), Chicken (82%), Sheep (88%), Bovine (88%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human Tropomyosin-1. The exact sequence is proprietary.

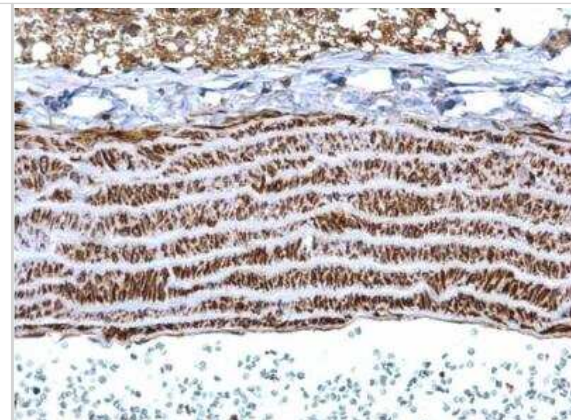
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence Assay dependent, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

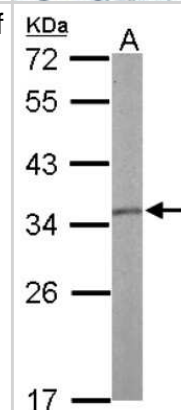
Western Blot: Tropomyosin-1 Antibody [NBP1-33716] - A. 50 ug rat muscle lysate/extract 10 % SDS-PAGE Tropomyosin 1 antibody dilution: 1:6000



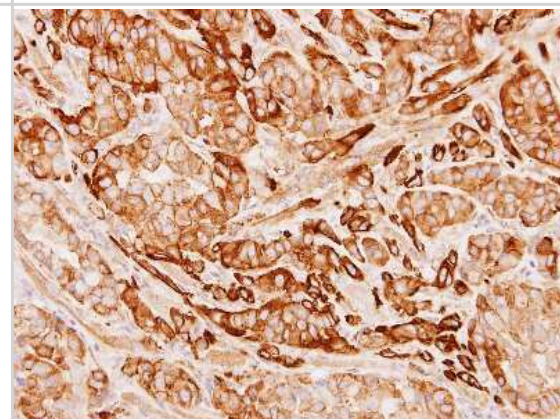
Immunohistochemistry-Paraffin: Tropomyosin-1 Antibody [NBP1-33716]  
- Paraffin-embedded mouse vein. Tropomyosin 1 antibody dilution:  
1:500.



Western Blot: Tropomyosin-1 Antibody [NBP1-33716] - Sample (50 ug of  
whole cell lysate) A: mouse liver 12% SDS PAGE; antibody diluted at  
1:1000.



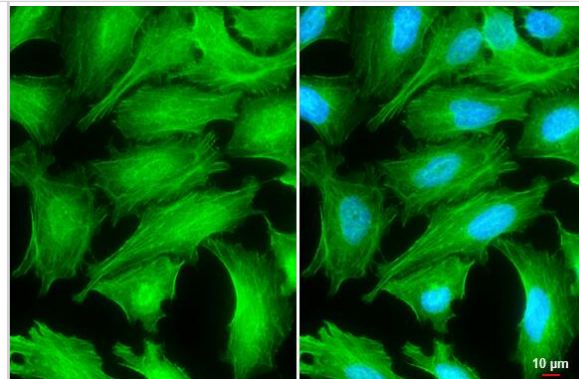
Immunohistochemistry-Paraffin: Tropomyosin-1 Antibody [NBP1-33716]  
- Paraffin-embedded A549 xenograft, using antibody at 1:500 dilution.



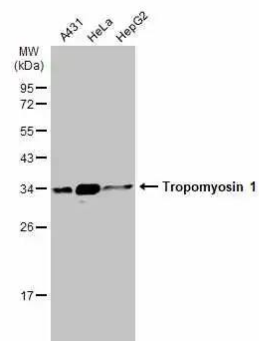
Immunohistochemistry-Paraffin: Tropomyosin-1 Antibody [NBP1-33716]  
- Paraffin-embedded mouse muscle. Tropomyosin 1 antibody dilution:  
1:500



Immunocytochemistry/ Immunofluorescence: Tropomyosin-1 Antibody [NBP1-33716] - Tropomyosin-1 antibody detects Tropomyosin-1 protein at cytoskeleton by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Tropomyosin-1 stained by Tropomyosin-1 antibody (NBP1-33716) diluted at 1:500. Blue: Fluoroshield with DAPI. Scale bar= 10  $\mu$ m.



Western Blot: Tropomyosin-1 Antibody [NBP1-33716] - Various whole cell extracts (30  $\mu$ g) were separated by 12% SDS-PAGE, and the membrane was blotted with Tropomyosin-1 antibody (NBP1-33716) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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### **Products Related to NBP1-33716**

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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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