

Product Datasheet

Tropomodulin 4 Antibody - BSA Free NBP1-80745

Unit Size: 0.1 ml

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

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NBP1-80745

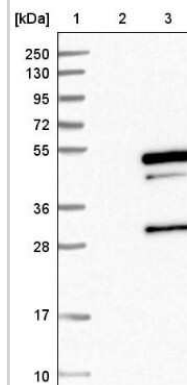
Tropomodulin 4 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	29765
Gene Symbol	TMOD4
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MSNKQYYDALCSGEICNTEGISSVVQPDKYKVPDEPPNPTNIEEILKRVRSD KELEEVNL
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

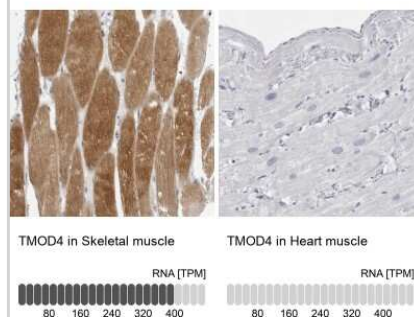


Images

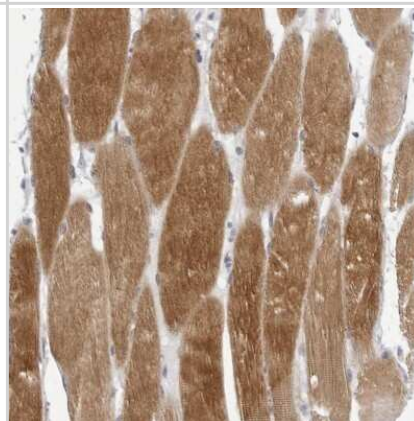
Western Blot: Tropomodulin 4 Antibody [NBP1-80745] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Negative control (vector only transfected HEK293T lysate). Lane 3: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



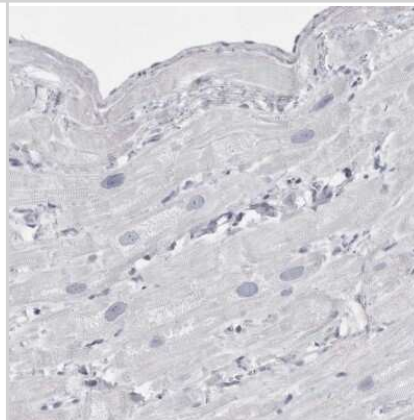
Immunohistochemistry-Paraffin: Tropomodulin 4 Antibody [NBP1-80745] - Staining in human skeletal muscle and heart muscle tissues using anti-TMOD4 antibody. Corresponding TMOD4 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: Tropomodulin 4 Antibody [NBP1-80745] - Staining of human skeletal muscle shows cytoplasmic positivity in myocytes.



Immunohistochemistry-Paraffin: Tropomodulin 4 Antibody [NBP1-80745] - Staining of human heart muscle shows low expression as expected.



Publications

Meister ML, Najjar RS, Danh JP et al. Berry consumption mitigates the hypertensive effects of a high-fat, high-sucrose diet via attenuation of renal and aortic AT1R expression resulting in improved endothelium-derived NO bioavailability The Journal of nutritional biochemistry 2022-11-23 [PMID: 36435288] (WB, Human, Mouse)



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Products Related to NBP1-80745

NBP1-80745PEP	Tropomodulin 4 Recombinant Protein Antigen
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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