

Product Datasheet

Troponin I type 2 (fast skeletal) Antibody - BSA Free NBP2-38775

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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NBP2-38775

Troponin I type 2 (fast skeletal) 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

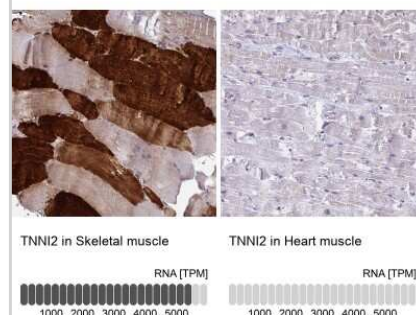
Host	Rabbit
Gene ID	7136
Gene Symbol	TNNI2
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: ELEKEESRREAEEKQNYLAEHCPPLHIPGSMSEVQELCKQLHAKIDAAEEEEKYD MEVRVQKTSK

Product Application Details

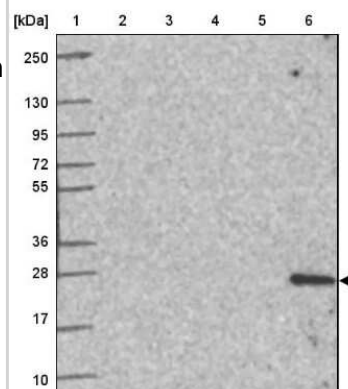
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

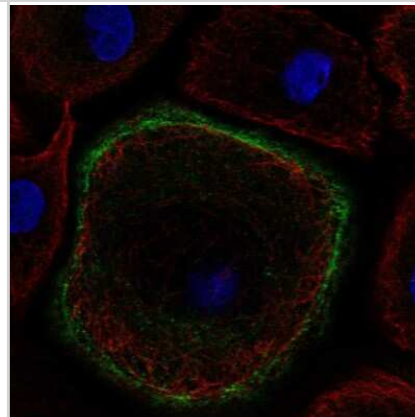
Immunohistochemistry-Paraffin: Troponin I type 2 (fast skeletal) Antibody [NBP2-38775] - Staining in human skeletal muscle and heart muscle tissues using anti-TNNI2 antibody. Corresponding TNNI2 RNA-seq data are presented for the same tissues.



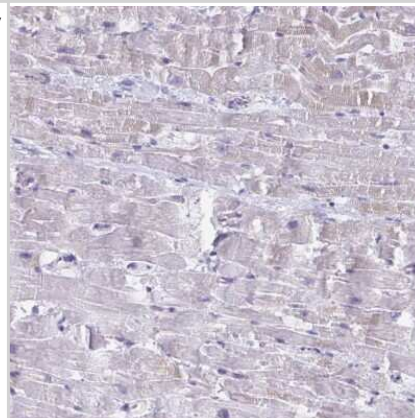
Western Blot: Troponin I type 2 (fast skeletal) Antibody [NBP2-38775] -
 Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2:
 Human cell line RT-4. Lane 3: Human cell line U-251MG. Lane 4: Human
 Plasma. Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



Immunocytochemistry/Immunofluorescence: Troponin I type 2 (fast skeletal) Antibody [NBP2-38775] - Staining of human cell line hTCEpi shows localization to plasma membrane. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: Troponin I type 2 (fast skeletal) Antibody [NBP2-38775] - Staining of human heart muscle shows low expression as expected.



Immunohistochemistry-Paraffin: Troponin I type 2 (fast skeletal) Antibody [NBP2-38775] - Staining of human skeletal muscle shows high expression.





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Products Related to NBP2-38775

NBP2-38775PEP	Troponin I type 2 (fast skeletal) 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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