

Product Datasheet

Troponin T type 1 (slow skeletal) Antibody NBP2-26095

Unit Size: 0.1 mg

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

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NBP2-26095

Troponin T type 1 (slow skeletal) Antibody

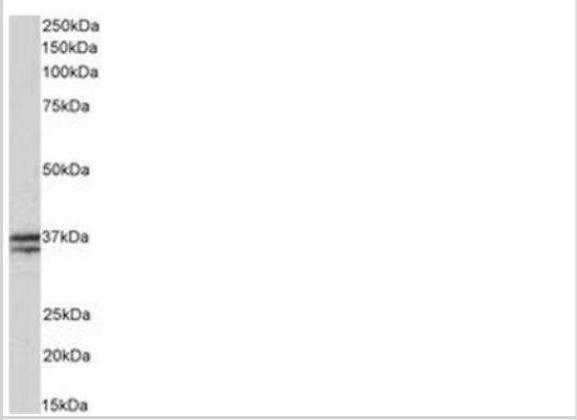
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	7138
Gene Symbol	TNNT1
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize all reported isoforms (NP_003274.3; NP_001119604.1; NP_001119605.1).
Immunogen	Peptide with sequence C-EKAQELSDWIHQLE corresponding to internal region according to NP_003274.3, NP_001119604.1, NP_001119605.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA, Single Cell Western
Recommended Dilutions	Western Blot 0.03 - 0.1 ug/mL, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:128000, Single Cell Western 100 ug/mL
Application Notes	WB: Approx. 37+35 kDa band bands observed in human skeletal muscle lysates (calculated MW of 32.9 kDa band according to NP_003274.3). This molecular weight is routinely observed by other sources. SCW validated using iPSC-derived cardiomyocytes.

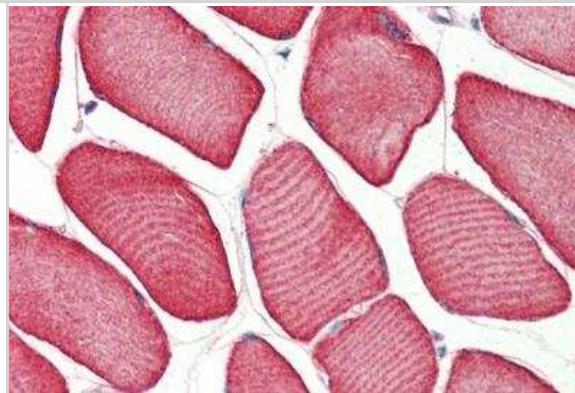
Images

Western Blot: Troponin T type 1 (slow skeletal) Antibody [NBP2-26095] - Human Skeletal Muscle lysate (35ug protein in RIPA buffer). Antibody at 0.03 ug/mL. Detected by chemiluminescence.



250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Immunohistochemistry-Paraffin: Troponin T type 1 (slow skeletal) Antibody [NBP2-26095] - Staining of paraffin embedded Human Skeletal Muscle. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Midde K, Dumka V, Pinto JR et al. Myosin cross-bridges do not form precise rigor bonds in hypertrophic heart muscle carrying troponin T mutations. *J Mol Cell Cardiol* 2011-09-01 [PMID: 21683708]



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Products Related to NBP2-26095

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-38855PEP	Troponin T type 1 (slow skeletal) Recombinant Protein Antigen

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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