

Product Datasheet

Troponin I type 2 (fast skeletal) Antibody NBP2-26200

Unit Size: 0.1 mg

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

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NBP2-26200

Troponin I type 2 (fast 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

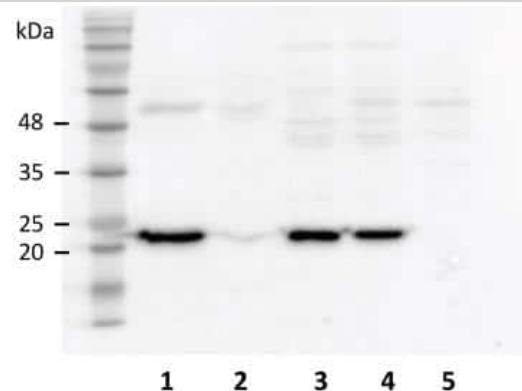
Product Description	
Description	Novus Biologicals Goat Troponin I type 2 (fast skeletal) Antibody (NBP2-26200) is a polyclonal antibody validated for use in WB and ELISA. Anti-Troponin I type 2 (fast skeletal) Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	7136
Gene Symbol	TNNI2
Species	Human, Mouse, Rat, Porcine
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_003273.1; NP_001139313.1). Reported variants represent identical protein: NP_001139301.1, NP_003273.1.
Immunogen	Peptide with sequence KRNRAITARRQHLKS-C corresponding to N-Terminus according to NP_001139313.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.03 - 0.1 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Approx. 25 kDa band observed in human, mouse and rat skeletal muscle lysates (calculated MW of 21.3 kDa band according to NP_003273.1).

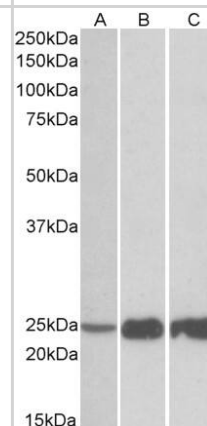


Images

Western Blot: Troponin I type 2 (fast skeletal) Antibody [NBP2-26200] - Porcine muscle RIPA extract, 15 ug per well. Primary antibody 1:1000. Blocker 5% rabbit serum. Samples: 1) longissimus dorsi (fast twitch); 2) flexor digitorum (slow twitch); 3) vastus lateralis (fast twitch); diaphragm (mixed); 5) cardiac. This image was submitted via customer review.



Western Blot: Troponin I type 2 (fast skeletal) Antibody [NBP2-26200] - (0.03ug/ml) staining of Human (A), Mouse (B) and Rat (C) Skeletal Muscle lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



Publications

Moran CM, Garriock RJ, Miller MK et al. Expression of the fast twitch troponin complex, fTnT, fTnI and fTnC, in vascular smooth muscle. *Cell Motil Cytoskeleton* 2008-08-01 [PMID: 18548613]



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Products Related to NBP2-26200

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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