

# 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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Updated 10/23/2024 v.20.1

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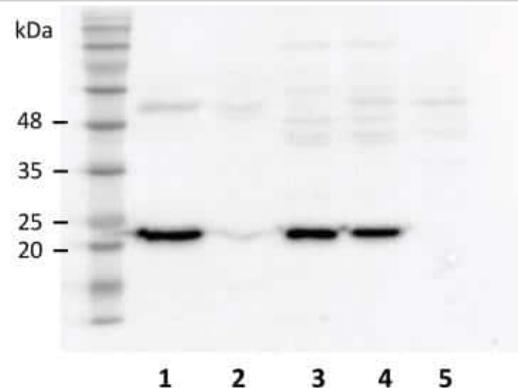
**NBP2-26200**

Troponin I type 2 (fast skeletal) Antibody

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
<b>Product Description</b>	
<b>Host</b>	Goat
<b>Gene ID</b>	7136
<b>Gene Symbol</b>	TNNI2
<b>Species</b>	Human, Mouse, Rat, Porcine
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Peptide with sequence KRNRAITARRQHLKS-C corresponding to N-Terminus according to NP_001139313.1.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.03 - 0.1 ug/ml, Peptide ELISA Detection limit 1:128000
<b>Application Notes</b>	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**

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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
NBP2-22893	Recombinant Human Troponin I type 2 (fast skeletal) His Protein

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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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