

# Product Datasheet

## Troponin I Type 1 (slow skeletal) Antibody NBP2-26202

Unit Size: 0.1 mg

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

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**NBP2-26202****Troponin I 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	7135
Gene Symbol	TNNI1
Species	Human, Mouse
Immunogen	Peptide with sequence PEVERKPKITASRK-C corresponding to N-Terminus according to NP_003272.3.

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 and mouse skeletal muscle lysates (calculated MW of 21.7 kDa band according to NP_003272.3).

**Images**

Western Blot: Troponin I Type 1 (slow skeletal) Antibody [NBP2-26202] - Staining of Human Skeletal Muscle lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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

**Publications**

Engel PL, Kobayashi T, Biesiadecki B et al. Identification of a region of troponin I important in signaling cross-bridge-dependent activation of cardiac myofilaments. J Biol Chem 2007-01-05 [PMID: 17099250]



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### **Products Related to NBP2-26202**

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
NBP2-22892	Recombinant Human Troponin I Type 1 (slow skeletal) His Protein

### **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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