

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 |

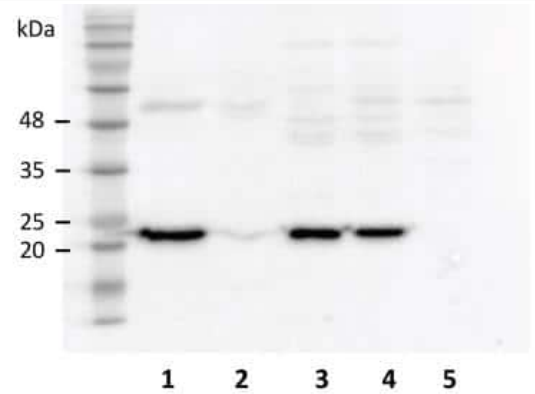
| Product Description | |
|-------------------------|--|
| Host | Goat |
| Gene ID | 7136 |
| Gene Symbol | TNNI2 |
| Species | Human, Mouse, Rat, Porcine |
| Specificity/Sensitivity | This antibody is expected to recognize both reported isoforms (NP_003273.1; NP_001139313.1). Reported variants represent 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). |

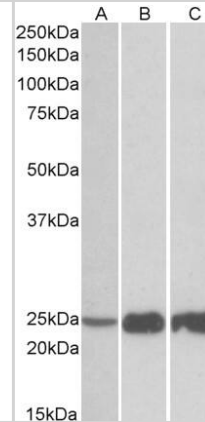


Images

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

| | |
|-----------------|--|
| 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 |

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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