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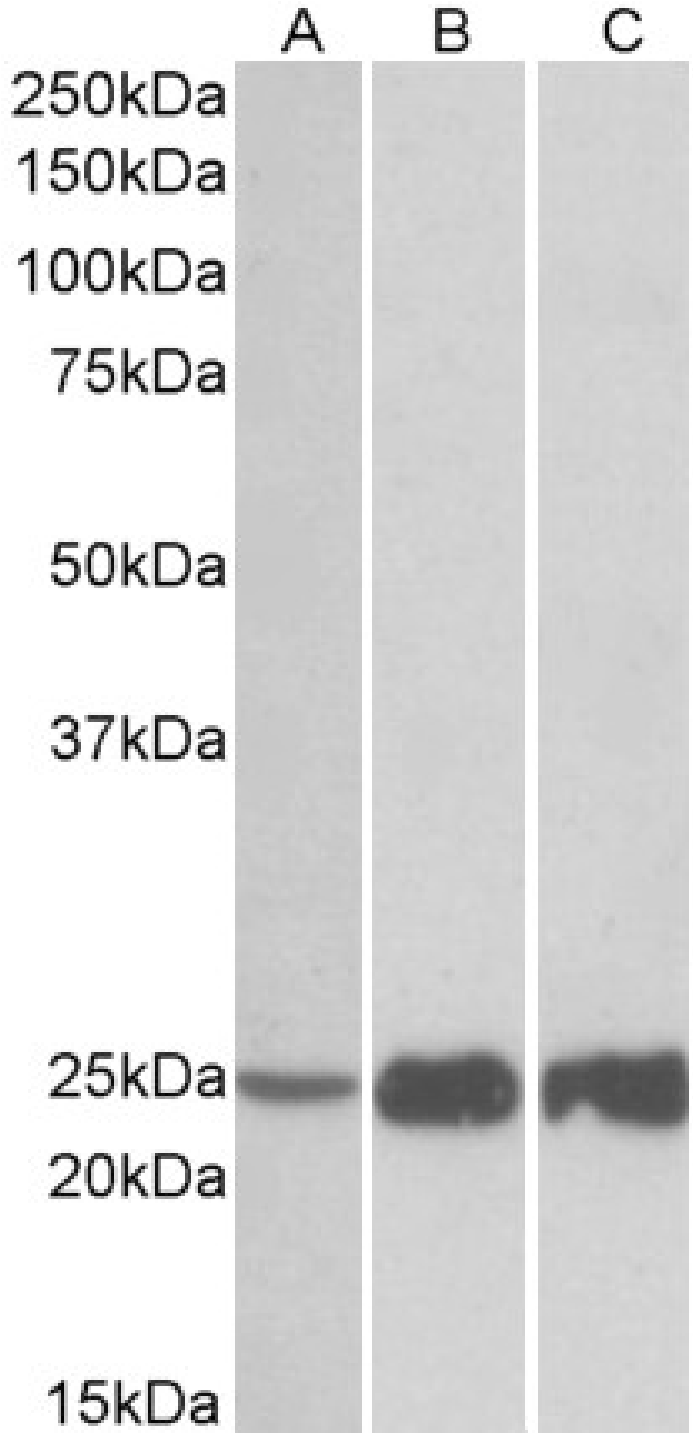
GOAT ANTI-TNNI2 ANTIBODY

SKU: EB12036



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SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	troponin I, skeletal, fast|troponin I, fast-twitch skeletal muscle isoform|troponin I, fast-twitch isoform|troponin I, fast skeletal muscle|troponin I fast twitch 2|fast-twitch skeletal muscle troponin I|fsTnI|FSSV|DA2B|AMCD2B|troponin I type 2 (skeletal, fast)|TNNI2
Accession ID	NP_003273.1; NP_001139313.1
Blocking Peptide	EBP12036
Immunogen	Peptide with sequence KRNRAITARRQHLKS-C, from the N Terminus of the protein sequence according to NP_003273.1; NP_001139313.1.
Product Comments	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.
Peptide Sequence	KRNRAITARRQHLKS-C
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog
Reactive Species	Human, Mouse, Rat
Human Gene ID	7136
Mouse Gene ID	21953
Rat Gene ID	29389
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx. 25kDa band observed in Human, Mouse and Rat Skeletal Muscle lysates (calculated MW of 21.3kDa according to NP_003273.1). Recommended concentration: 0.03-0.1µg/ml. Primary incubation was 1 hour. This antibody has been successfully used in WB on Mouse, PMID: 34145356.
Application Type	Pep-ELISA, WB

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SELECTED REFERENCES

[{"pmid": 34145356, "intro": "**This antibody has been successfully used in Western blot on Mouse:**", "title": "The LIM domain protein nTRIP6 modulates the dynamics of myogenic differentiation.", "author": "Tannaz Norizadeh Abbariki, Zita Gonda, Denise Kemler, Pavel Urbanek, Tabea Wagner, Margarethe Litfn, Zhao?Qi Wang, Peter Herrlich & Olivier Kassel", "journal": "Sci Rep. 2021 Jun 18;11(1):12904."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES