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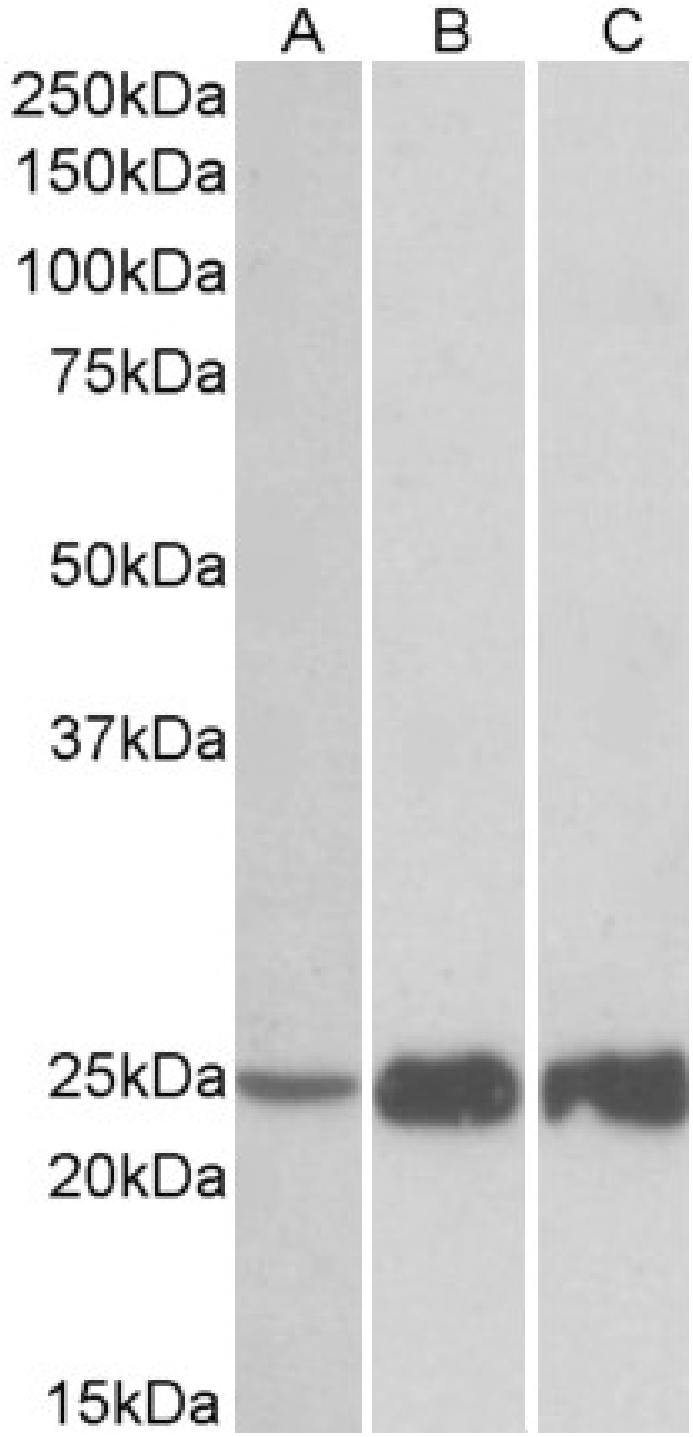
# GOAT ANTI-TNNI2 ANTIBODY

**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

