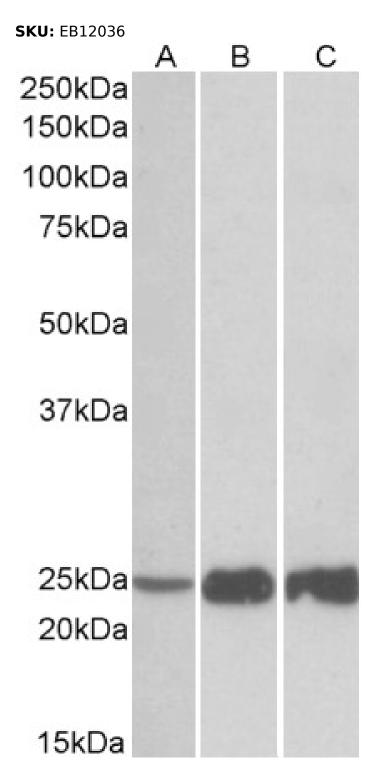


Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

GOAT ANTI-TNN12 ANTIBODY





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 / troponin I, skeletal, fast|troponin I, fast-twitch skeletal muscle isoform|troponin I, fast-twitch isoform|troponin I,

Alias fast skeletal muscle|troponin | fast twitch 2|fast-twitch skeletal muscle troponin

I|fsTnI|FSSV|DA2B|AMCD2B|troponin I type 2 (skeletal, fast)|TNNI2 Names

Accession

ID

NP_003273.1; NP_001139313.1

Blocking

EBP12036 **Peptide**

Immunogen

Peptide with sequence KRNRAITARRQHLKS-C, from the N Terminus of the protein sequence according to

NP_003273.1; NP_001139313.1.

Product 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. Comments

Peptide

Sequence

KRNRAITARRQHLKS-C

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Instructions

Refrigerated

Predicted

Species

Human, Mouse, Rat, Dog

Human, Mouse, Rat

Reactive **Species**

Human 7136

Gene ID

Mouse

21953 Gene ID Rat Gene ID 29389

Product

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png

Grade **ELISA**

Detection

Antibody detection limit dilution 1:128000.

Limit

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







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."}]

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