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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB12037 - Goat Anti-TNNI2 (aa83-95) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TNNI2, troponin I type 2 (skeletal, fast), AMCD2B, DA2B, FSSV, fsTnI, fast-twitch skeletal muscle troponin I, troponin I fast twitch 2, troponin I, fast skeletal muscle, troponin I, fast-twitch isoform, troponin I, fast-twitch skeletal muscle isoform, troponin I, skeletal, fast

Official Symbol: TNNI2

Accession Number(s): NP_003273.1; NP_001139313.1

Human GeneID(s): [7136](#)

Important 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.

Immunogen

Peptide with sequence C-EVRVQKTSKELED, from the internal region of the protein sequence according to NP_003273.1; NP_001139313.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

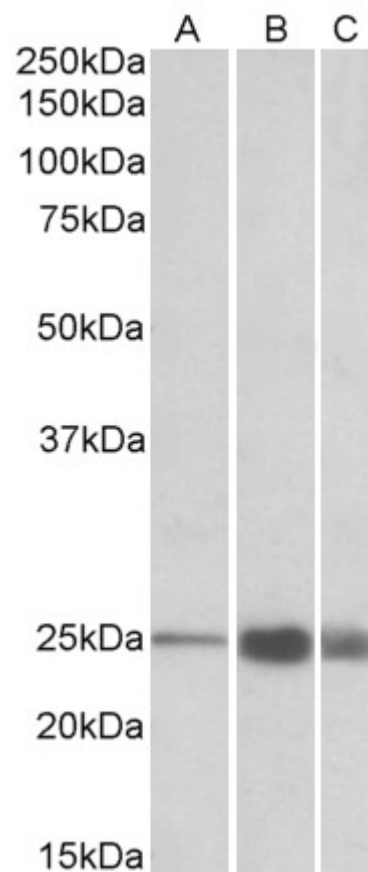
Peptide ELISA: antibody detection limit dilution 1:8000.

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: 1-3µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

Expected from sequence similarity: Human



EB12037 (1 μ g/ml) staining of Human (A), Mouse(B) and Rat (C) Skeletal Muscle lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.