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