

International Office

Everest Biotech Ltd Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service: <u>customerservice@vectorlabs.com</u> Technical Service: <u>technical@vectorlabs.com</u>

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB12038 - Goat Anti-TNNI1 Antibody

Size: 100µg specific antibody in 200µl

C

Target Protein

Principal Names: TNNI1, troponin I type 1 (skeletal, slow), SSTNI, TNN1, troponin I, slow skeletal muscle, troponin I, slow-twitch isoform Official Symbol: TNNI1 Accession Number(s): NP_003272.3 Human GeneID(s): <u>7135</u>

Immunogen

Peptide with sequence PEVERKPKITASRK-C, from the N Terminus of the protein sequence according to NP_003272.3.

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.

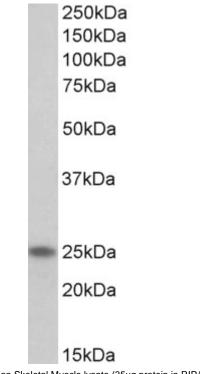
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000. **Western blot:** Approx 25kDa band observed in Human and Mouse Skeletal Muscle lysates (calculated MW of 21.7kDa according to NP_003272.3). Recommended concentration: 0.03-0.1µg/ml.

Species Reactivity

Tested: Human, Mouse Expected from sequence similarity: Human, Pig, Cow



EB12038 (0.03µg/ml) staining of Human Skeletal Muscle lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.