

## **UK Office**

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# EB12038 - Goat Anti-TNNI1 Antibody

Size: 100µg specific antibody in 200µl



## **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.

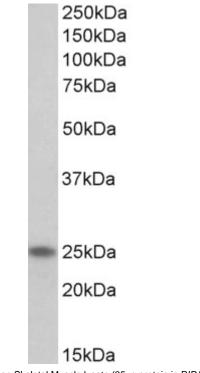
Aliquot and store at -20°C. Minimize freezing and thawing.

## **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.