

## UK Office

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

## 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):** [7135](#)

### 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.