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Research Use Only. Not for diagnostic or therapeutic use.

EB11939 - Goat Anti-TNNT1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TNNT1, troponin T type 1 (skeletal, slow), ANM, FLJ98147, MGC104241, STNT, TNTS, slow skeletal muscle troponin T, troponin T, slow

skeletal muscle, troponin-T1, skeletal, slow

Official Symbol: TNNT1

Accession Number(s): NP_003274.3; NP_001119604.1; NP_001119605.1

Human GeneID(s): 7138

Important Comments: This antibody is expected to recognize all reported isoforms

(NP_003274.3; NP_001119604.1; NP_001119605.1).

Immunogen

Peptide with sequence C-EKAQELSDWIHQLE, from the internal region of the protein sequence according to NP_003274.3; NP_001119604.1; NP_001119605.1.

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 1:128000.

Western blot: Approx 37+35kDa bands observed in Human Skeletal Muscle lysates A single 37kDa band was observed in some lysates.(calculated MW of 32.9kDa according to

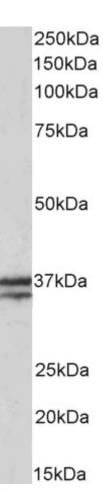
NP_003274.3). This molecular weight is routinely observed by other sources. Recommended concentration: $0.03-0.1\mu g/ml$. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Skeletal Muscle. Recommended concentration: 5µg/ml.

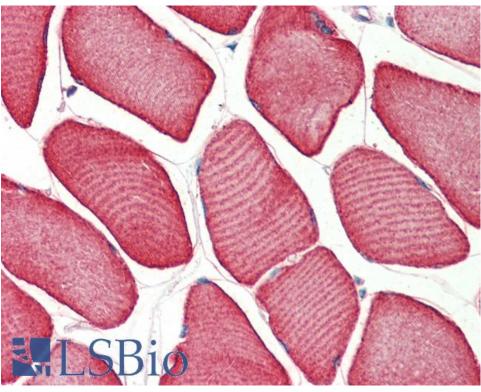
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog, Pig, Cow



EB11939 (0.03μg/ml) staining of Human Skeletal Muscle lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB11939 (5µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.