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Research Use Only. Not for diagnostic or therapeutic use.

EB11957 - Goat Anti-TNNI3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TNNI3, troponin I type 3 (cardiac), CMD1FF, CMD2A, CMH7, RCM1,

TNNC1, cTnl, troponin I, cardiac muscle

Official Symbol: TNNI3

Accession Number(s): NP_000354.4

Human GeneID(s): 7137

Immunogen

Peptide with sequence C-ERRGEKGRALST, from the internal region of the protein sequence according to NP_000354.4.

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 27kDa band observed in Human Heart lysates (calculated MW of 24.0kDa according to NP_000354.4). This molecular weight is routinely observed by other sources. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB11957 ($1\mu g/ml$) staining of Human Heart lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.