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

EB11958 - Goat Anti-TNNI3 (aa117-127) 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](#)

Non-Human GeneID(s): 21954 (mouse), 29248 (rat)

Immunogen

Peptide with sequence C-KVTKNITEIAD, 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 27+28kDa bands observed in Human Heart lysates, 24 +28kDa in Mouse Heart lysates and 28kDa in Rat and Pig Heart lysates (calculated MW of 24.0kDa according to NP_000354.4). The observed molecular weights correspond to earlier findings with different antibodies from other commercial sources. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat, Pig

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

EB11958 (0.2µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB11958 (0.1µg/ml) staining of adult Mouse (A), fetal Mouse (B), adult Rat (C) and adult Pig (D) Heart lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.