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Research Use Only. Not for diagnostic or therapeutic use.

EB06954 - Goat Anti-Tafazzin Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TAZ, tafazzin (cardiomyopathy, dilated 3A (X-linked) endocardial fibroelastosis 2 Barth syndrome), HGNC:11577, BTHS, CMD3A, EFE, EFE2, G4.5, XAP-2, OTTHUMP00000061673, cardiomyopathy, dilated 3A (X-linked), tafazzin, XX-FW83563B9.3, FLJ27390, Taz1, LVNCX

Official Symbol: TAZ

Accession Number(s): NP_000107.1; NP_851828.1; NP_851829.1; NP_851830.1

Human GeneID(s): 6901

Important Comments: This antibody is expected to recognise isoforms 1to 4 (NP_000107.1; NP_851828.1; NP_851829.1; NP_851830.1, respectively).

Immunogen

Peptide with sequence C-HLKTQAEQLHNH, from the C Terminus of the protein sequence according to NP_000107.1; NP_851828.1; NP_851829.1; NP_851830.1.

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 1:64000.

Western blot: Approx 28-30kDa band observed in Human Testis lysates (calculated MW of 30.2kDa according to NP_851828.1, and 28.5 according to NP_851830.1). Recommended concentration: 0.3-1.0 μg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Human

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

250kDa 150kDa 100kDa 75kDa 50kDa

> 25kDa 20kDa

EB06954 (1 μ g/ml) staining of Human Testes lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.

15kDa