

Goat anti-Tafazzin Antibody

Item Number	dAP-0717
Target Molecule	Principle Name: Tafazzin; Official Symbol: TAZ; All Names and Symbols: TAZ; tafazzin (cardiomyopathy, dilated 3A (X-linked) endocardial fibroelastosis 2 Barth syndrome) ; HGNC:11577; BTHS; CMD3A; EFE; EFE2; G4.5; XAP-2 ; OTTHUMP0000061673; cardiomyopathy, dilated 3A (X-linked); tafazzin; XX-FW83563B9.3; FLJ27390; Taz1; LVNC; Accession Number (s): NP_000107.1; NP_851828.1; NP_851829.1; NP_851830.1; Human Gene ID(s): 6901; Non-Human GeneID(s):
Immunogen	HLKTQAEQLHNNH, is from C Terminus This antibody is expected to recognise isoforms 1to 4 (NP_000107.1; NP_851828.1; NP_851829.1; NP_851830.1, respectively).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 28kDa band observed in Human Heart lysates (calculated MW of 33.5kDa according to NP_000107.1, 30.2kDa according to NP_851828.1, 31.7kDa according to NP_851829.1 and 28.5 according to NP_851830.1). Recommended concentration: 0.3-1.0
IHC	
Reference	Reference(s): Brandner K, Mick DU, Frazier AE, Taylor RD, Meisinger C, Rehling P. Taz1, an outer mitochondrial membrane protein, affects stability and assembly of inner membrane protein complexes: implications for Barth Syndrome. Mol Biol Cell. 2005 Nov;16

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**