



Tafazzin rabbit pAb

Cat No.:ES7346

For research use only

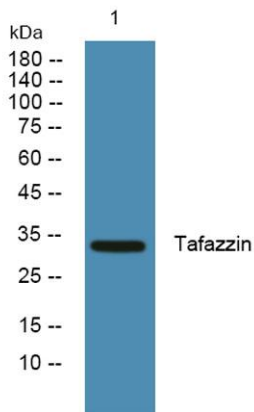
Overview

Product Name	Tafazzin rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from the Internal region of human Tafazzin.
Specificity	Tafazzin Polyclonal Antibody detects endogenous levels of Tafazzin protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Tafazzin
Gene Name	TAZ
Cellular localization	Mitochondrion outer membrane ; Peripheral membrane protein ; Intermembrane side . Mitochondrion inner membrane ; Peripheral membrane protein ; Intermembrane side .; [Isoform 1]: Mitochondrion membrane .; [Isoform 2]: Cytoplasm .; [Isoform 3]: Mitochondrio
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	33kD
Human Gene ID	6901
Human Swiss-Prot Number	Q16635
Alternative Names	TAZ; EFE2; G4.5; Tafazzin; Protein G4.5
Background	This gene encodes a protein that is expressed at high levels in cardiac and skeletal muscle. Mutations in this gene have been associated with a number of





clinical disorders including Barth syndrome, dilated cardiomyopathy (DCM), hypertrophic DCM, endocardial fibroelastosis, and left ventricular noncompaction (LVNC). Multiple transcript variants encoding different isoforms have been described. A long form and a short form of each of these isoforms is produced; the short form lacks a hydrophobic leader sequence and may exist as a cytoplasmic protein rather than being membrane-bound. Other alternatively spliced transcripts have been described but the full-length nature of all these transcripts is not known. [provided by RefSeq, Jul 2008],



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night

