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Tafazzin / TAZ Rabbit pAb

Catalog No.: A12722 1 Publications

Basic Information

Observed MW
25-35kDa

Calculated MW
30kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human, Mouse, Rat

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.

Recommended Dilutions

WB	1:1000 - 1:5000

Immunogen Information

Gene ID
6901

Swiss Prot
Q16635

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 174-248 of human Tafazzin / TAZ (NP_851830.1).

Synonyms
EFE; TAZ; BTHS; EFE2; G4.5; Taz1; CMD3A; LVNCX; Tafazzin / TAZ

Contact

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Product Information

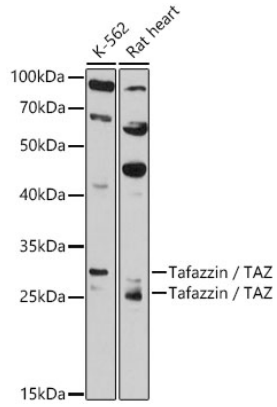
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates, using Tafazzin / TAZ Rabbit pAb (A12722) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 40s.