

ARG63824 anti-Tafazzin antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Tafazzin
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	WB
Specificity	This antibody is expected to recognise isoforms 1to 4 (NP_000107.1; NP_851828.1; NP_851829.1; NP_851830.1, respectively).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Tafazzin
Species	Human
Immunogen	C-HLKTQAEQLHNNH
Conjugation	Un-conjugated
Alternate Names	CMD3A; EFE2; BTHS; Protein G4.5; Taz1; G4.5; LVNCX; EFE; Tafazzin

Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1.0 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 6901 Human](#)

[Swiss-port # Q16635 Human](#)

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]

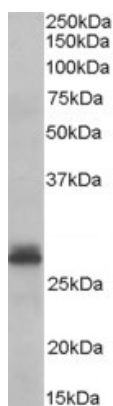
Research Area

Metabolism antibody; Signaling Transduction antibody

Calculated Mw

33 kDa

Images



ARG63824 anti-Tafazzin antibody WB image

Western Blot: Human Heart lysate (35 µg protein in RIPA buffer) stained with ARG63824 anti-Tafazzin antibody at 0.3 µg/ml dilution.