

Rabbit Tafazzin/TAZ Polyclonal Antibody | anti-TAZ antibody

Anti-Tafazzin/TAZ antibody

CATALOG # AAA45379	HOST Rabbit	REACTIVITY Reacts with: Human, Rat Predicted to work with: Mouse	APPLICATIONS Western Blot
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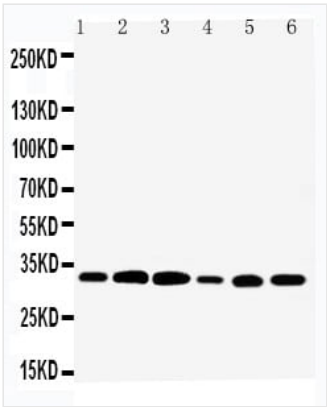
PRODUCT SYNONYMS

Tafazzin/TAZ; Polyclonal Antibody; Anti-Tafazzin/TAZ antibody; Tafazzin; tafazzin; Barth syndrome antibody; Cardiomyopathy dilated 3A(X linked) antibody; EFE2 antibody; Endocardial fibroelastosis 2 antibody; Protein G4.5 antibody; Tafazzin antibody; TAZ antibody; TAZ protein antibody; TAZ_HUMAN antibody; anti-TAZ antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reacts with: Human, Rat Predicted to work with: Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other species.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	292
Applicable Applications for anti-TAZ antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Tafazzin (162-178aa MDFILEKLNHGDWVHIF), identical to the related mouse and rat sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-Tafazzin/TAZ antibody, AAA45379, Western blotting
Lane 1: Rat Skeletal Muscle Tissue Lysate
Lane 2: Rat Heart Tissue Lysate
Lane 3: Rat Liver Tissue Lysate
Lane 4: HELA Cell Lysate
Lane 5: SMMC Cell Lysate
Lane 6: SCG Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-TAZ antibody	Description: Rabbit IgG polyclonal antibody for Tafazzin(TAZ) detection. Tested with WB in Human, Mouse, Rat. Background: Tafazzin, also known as G4.5 is a protein that in humans is encoded by the TAZ gene. Cardiolipin is a complex glycerophospholipid with 4 acyl groups that localizes to the mitochondrial inner membrane and has a role in mitochondrial structure and function. By positional cloning, TAZ was identified within the critical Barth syndrome region on Xq28. Tafazzin is involved in the metabolism of cardiolipin. It is a component of the hippo signaling pathway that controls tissue growth in animals. And it can function as a phospholipid transferase.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2498992
NCBI GeneID	6901
UniProt Accession #	Q16635; Q5HY43; Q5HY44; Q5HY45; Q5HY48; Q86XQ6; Q86XQ7; Q86XQ8; Q86XQ9; Q86XR0; A3KQT2; D3DWX2
Molecular Weight	25,836 Da
NCBI Official Full Name	Tafazzin
NCBI Official Synonym Full Names	tafazzin
NCBI Official Symbol	TAZ
NCBI Official Synonym Symbols	EFE; BTHS; EFE2; G4.5; Taz1; CMD3A; LVNCX
NCBI Protein Information	tafazzin; protein G4.5
UniProt Protein Name	Tafazzin
UniProt Gene Name	TAZ
UniProt Synonym Gene Names	EFE2; G4.5
UniProt Entry Name	TAZ_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.