Rabbit anti-Human TAZ Polyclonal Antibody | anti-TAZ antibody

TAZ Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325295	**Rabbit**	**Human**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

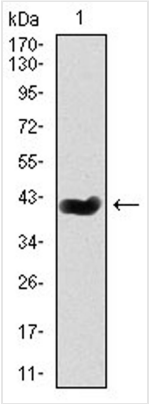
PRODUCT SYNONYMS

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

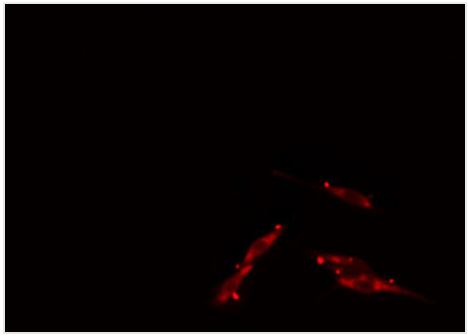
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	TAZ antibody detects endogenous levels of total TAZ
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl.
Concentration	1mg/ml (varies by lot)
Sequence Length	292
Applicable Applications for anti-TAZ antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm and Membrane.
Tissue Specificity	High levels in cardiac and skeletal muscle. Up to 10 isoforms can be present in different amounts in different tissues. Most isoforms are ubiquitous. Isoforms that lack the N-terminus are found in leukocytes and fibroblasts, but not in heart and skeletal muscle. Some forms appear restricted to cardiac and skeletal muscle or to leukocytes.
Conjugation	Unconjugated

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using TAZ antibody.



IF (Immunofluorescence)
AAA325295 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TAZ antibody	Function: Some isoforms may be involved in cardiolipin (CL) metabolism. Similarity: The hydrophilic domain may serve as an exposed loop interacting with other proteins. Belongs to the taffazin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507371
NCBI GeneID	6901
NCBI Accession #	NP_000107.1
NCBI GenBank Nucleotide #	NM_000116.4
UniProt Accession #	Q16635; Q5HY43; Q5HY44; Q5HY45; Q5HY48; Q86XQ6; Q86XQ7; Q86XQ8; Q86XQ9; Q86XR0; A3KQT2; D3DWX2
Molecular Weight	Observed: 43 kD Predicted: 34 kDa
NCBI Official Full Name	tafazzin isoform 1
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
UniProt Protein Name	Tafazzin
UniProt Gene Name	**TAZ**
UniProt Synonym Gene Names	EFE2; G4.5

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.

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