

Datasheet for ABIN2789482
anti-TAZ antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	TAZ
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAZ antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of TAZ
Sequence:	PNSPPYFPRF GQKITVLIGK PFSALPVLER LRAENKSAVE MRKALTDFIQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TAZ. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TAZ
Alternative Name:	TAZ (TAZ Products)

Target Details

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. Alias Symbols: BTHS, CMD3A, EFE, EFE2, FLJ27390, G4.5, LVNCX, Taz1, XAP-2 Protein Interaction Partner: LATS2, CSNK1E, CHGB, LATS1, BTRC, STK3, UBC, GSK3B, Protein Size: 248
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Molecular Weight:	28 kDa
Gene ID:	6901
NCBI Accession:	NM_181311 , NP_851828

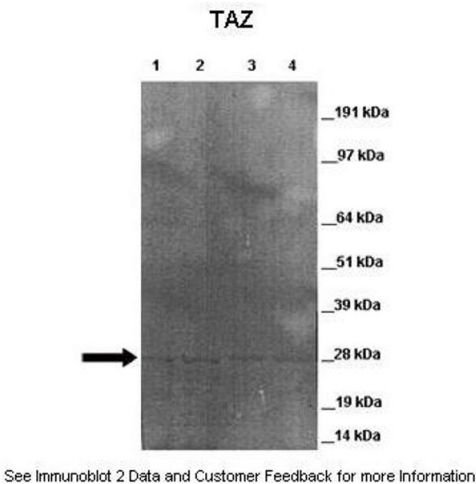
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 248 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Lanes: Lane 1:241 µg mouse cardiac mitochondria lysate
Lane 2: 041 µg mouse cardiac mitochondria lysate
Lane 3: 041 µg mouse cardiac mitochondria lysate
ane 4: 041 µg mouse cardiac mitochondria lysate
Primary Antibody Dilution: 1:000
Secondary Antibody: Goat anti-rabbit-HRP
Secondary Antibody Dilution: 1:0500
Gene Name: TAZ An

Submitted by: Corey Powers, Cincinnati Children's Hospital
Medical Center