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Datasheet for ABIN2854556  
**anti-TAZ antibody (C-Term)**

1 Image

Overview

Quantity:	100 µL
Target:	TAZ
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAZ antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Tafazzin / TAZ. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to TAZ (tafazzin) TAZ antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	TAZ
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## Target Details

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Alternative Name: tafazzin ([TAZ Products](#))

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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.

Cellular Localization: Isoform 1: Membrane, Single-pass membrane protein , Isoform 2: Cytoplasm , Isoform 3: Membrane, Single-pass membrane protein , Isoform 4: Membrane, Single-pass membrane protein , Isoform 5: Membrane, Single-pass membrane protein , Isoform 6: Cytoplasm , I

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Molecular Weight: 33 kDa

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Gene ID: 6901

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UniProt: [Q16635](#)

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## Application Details

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Application Notes: IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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Buffer: 1XPBS ( pH 7), 10 % Glycerol, 0.01 % Thimerosal

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Preservative: Thimerosal (Merthiolate)

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Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C, -20 °C

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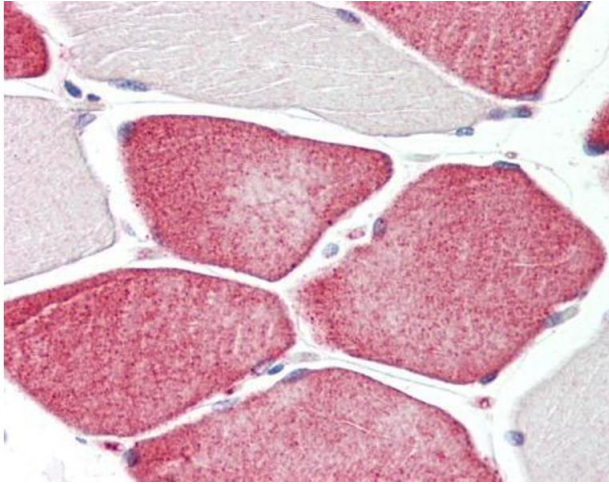
## Handling

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Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Validation report #104404 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)

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### Immunohistochemistry

**Image 1.** IHC-P Image TAZ antibody [C2C3], C-term detects TAZ protein at cytoplasm on human placenta by immunohistochemical analysis. Sample: Paraffin-embedded placenta. TAZ antibody [C2C3], C-term, dilution: 1:100.