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# Datasheet for ABIN3029271 anti-TNNC1 antibody (N-Term)

3 Images



#### Overview

Quantity:	100 µg
Target:	TNNC1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNNC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

# Product Details

Immunogen:	An amino acid sequence from the N-terminus of human cardiac Troponin C
	(MDDIYKAAVEQLTEEQKN) was used as the immunogen for this Troponin C antibody (100%
	homologous in human, mouse and rat).
lsotype:	lgG
Purification:	Antigen affinity

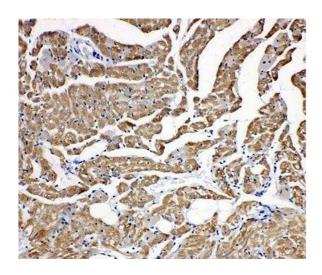
# Target Details

Target:	TNNC1
Alternative Name:	Troponin C (Cardiac) (TNNC1 Products)
Background:	Troponin C, also called TNNC1, and TNC, is a protein that in humans is encoded by the TNNC1
	gene. Using a monochromosomal hybrid panel, the TNNC1 gene is mapped to chromosome 3,

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Target Details	
	subsequent analysis of the Genebridge 4 radiation hybrid panel localized the gene to 3p in a region consistent with the earlier assignment. Circular dichroism measurements revealed changes in the secondary structures of the TNNC1 mutants A8V, C84Y, and D145E.
UniProt:	P63316
Application Details	
Application Notes:	The stated application concentrations are suggested starting amounts. Titration of the Troponin C antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL
Restrictions:	For Research Use only
Handling	
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the Troponin C antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

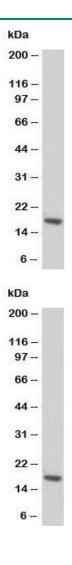
#### Images



### Immunohistochemistry

Image 1. IHC-P: Troponin C antibody testing of rat heart tissue

#### Images



#### Western Blotting

**Image 2.** Western blot testing of Troponin C antibody and rat skeletal muscle tissue lysate

#### Western Blotting

**Image 3.** Western blot testing of Troponin C antibody and rat skeletal muscle tissue lysate

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