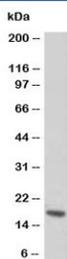


## Troponin C Antibody / TNNC1 (R30872)

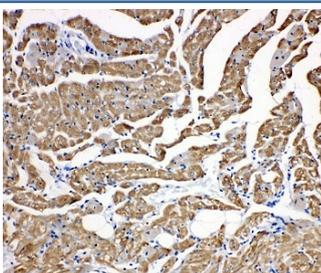
Catalog No.	Formulation	Size
R30872	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P63316
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	This Troponin C antibody is available for research use only.



Western blot testing of Troponin C antibody and rat skeletal muscle tissue lysate.  
Predicted molecular weight: ~18 kDa.



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

## Description

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; 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.

## 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.

## 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).

## Storage

After reconstitution, the Troponin C antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.