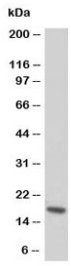
Troponin C Antibody / TNNC1 (R30872)

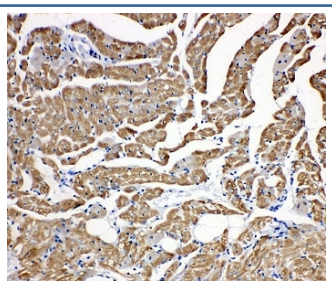
Catalog No.	Formulation	Size
R30872	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P63316
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	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.

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