

# TNNC1 Antibody

Catalog No: #32502

Package Size: #32502-1 50ul #32502-2 100ul

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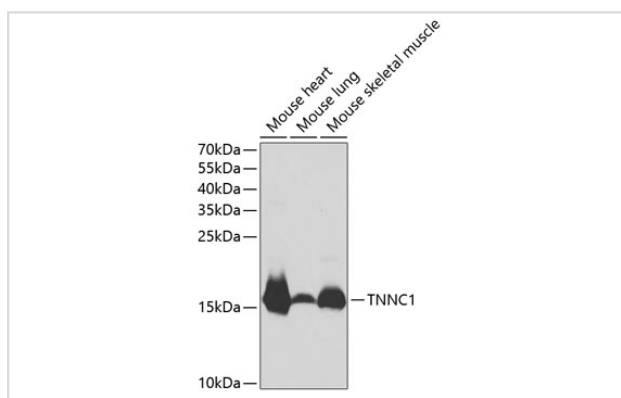
## Description

Product Name	TNNC1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total TNNC1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human TNNC1 (NP_003271.1).
Target Name	TNNC1
Other Names	TNNC1;CMD1Z;CMH13;TN-C;TNC;TNNC;troponin C1
Accession No.	Uniprot:P63316GeneID:7134
SDS-PAGE MW	16kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

## Application Details

WB □ 1:500 - 1:2000

## Images



Western blot analysis of extracts of various cell lines, using TNNC1 antibody.

## Background

Troponin is a central regulatory protein of striated muscle contraction, and together with tropomyosin, is located on the actin filament. Troponin consists of 3 subunits: TnI, which is the inhibitor of actomyosin ATPase; TnT, which contains the binding site for tropomyosin; and TnC, the protein

encoded by this gene. The binding of calcium to TnC abolishes the inhibitory action of TnI, thus allowing the interaction of actin with myosin, the hydrolysis of ATP, and the generation of tension. Mutations in this gene are associated with cardiomyopathy dilated type 1Z.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.