

Datasheet for ABIN3015719
anti-TNNC1 antibody (AA 1-160)[Go to Product page](#)

6 Images

Overview

Quantity:	100 µL
Target:	TNNC1
Binding Specificity:	AA 1-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNNC1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-160 of human TNNC1 (NP_003271.1).
Sequence:	MDDIYKAAVE QLTEEQKNEF KAAFDIFVLG AEDGCISTKE LGKVMRMLGQ NPTPEELQEM IDEVDEDGSG TVDFDEFLVM MVRCKMKDDSK GKSEEELSDL FRMFDKNADG YIDLDELKIM LQATGETITE DDIEELMKDG DKNNDGRIDY DEFLEFMKGV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	TNNC1
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Target Details

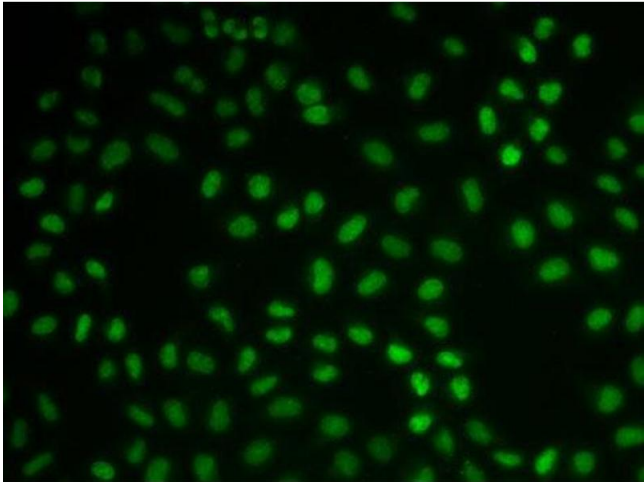
Alternative Name:	TNNC1 (TNNC1 Products)
Background:	<p>Troponin is a central regulatory protein of striated muscle contraction, and together with tropomyosin, is located on the actin filament. Troponin consists of 3 subunits: TnI, which is the inhibitor of actomyosin ATPase, TnT, which contains the 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., TNNC1, CMD1Z, CMH13, TN-C, TNC, TNNC, troponin C1, Signal Transduction, Cell Biology & Developmental Biology, Cytoskeleton, Microfilaments, Cardiovascular, Heart, Contractility, TNNC1</p>
Molecular Weight:	18 kDa
Gene ID:	7134
UniProt:	P63316

Application Details

Application Notes:	WB, 1:500 - 1:2000
Restrictions:	For Research Use only

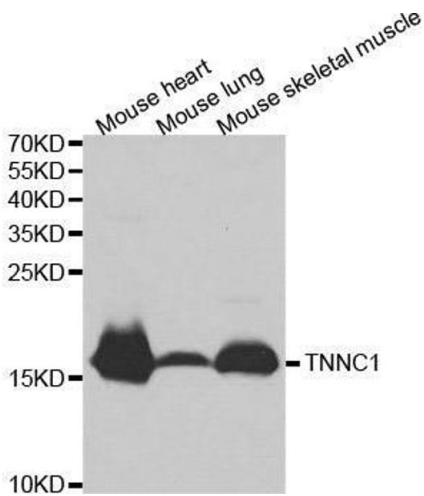
Handling

Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



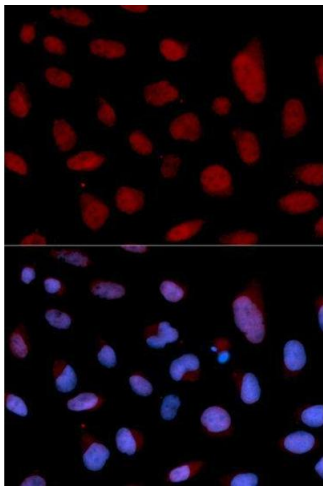
Immunofluorescence

Image 1.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using TNNC1 antibody.



Immunofluorescence

Image 3.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3015719.