Datasheet for ABIN1590057

anti-TNNI3 antibody (AA 117-127)

4 Images

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Overview

Quantity:	100 µg
Target:	TNNI3
Binding Specificity:	AA 117-127
Reactivity:	Human, Mouse, Rat, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TNNI3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	TNNI3 (aa117-127)
Sequence:	KVTKNITEIA D
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	TNNI3

Target Details

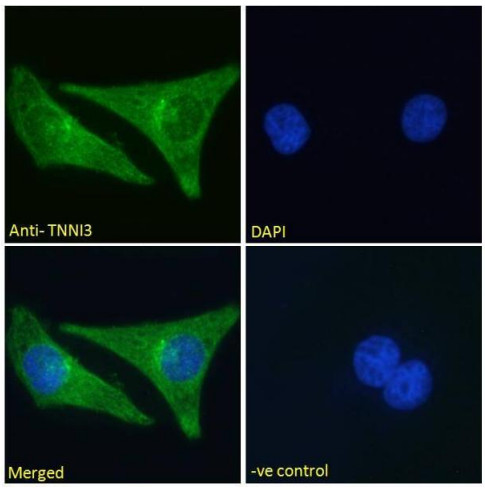
Alternative Name:	TNNI3 (TNNI3 Products)
Background:	TNNI3, troponin I type 3 (cardiac), CMD1FF, CMD2A, CMH7, RCM1, TNNC1, cTnI, troponin I, cardiac muscle
Gene ID:	7137, 21954, 29248
NCBI Accession:	NP_000354

Application Details

Application Notes:	Western Blot: Approx 25+26 kDa doublet band observed in Human Heart, approx 24+27 kDa in Mouse Heart, approx 25 kDa in Rat Heart and approx 27 kDa in Pig Heart lysates (calculated MW of 24 kDa according to Human NP_000354.4, and Pig NP_001092069.1 and 24.3 kDa Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm of U2OS and HeLa cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

Handling

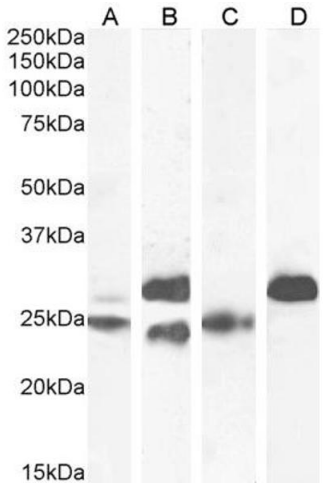
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunofluorescence

Image 1. ABIN1590057 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue).

Image 2. ABIN1590057 (0.2 µg/mL) staining of Human Heart lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 3. ABIN1590057 (0.1µg/ml) staining of Human (A), (0.03µg/ml) Mouse (B), (0.1µg/ml) Rat (C) and Pig (D) Heart lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

Please check the product details page for more images. Overall 4 images are available for ABIN1590057.