

Datasheet for ABIN462345  
**anti-TNNI3 antibody (AA 27-40)**



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2 Images

## Overview

Quantity:	0.25 mg
Target:	TNNI3
Binding Specificity:	AA 27-40
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TNNI3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Brand:	IHC-plus™
Immunogen:	Human Cardiac Troponin I (27-40).  Type of Immunogen: Purified protein
Isotype:	IgG
Specificity:	Recognizes human Cardiac Troponin I. No reactivity with Troponin T.
Purification:	Affinity purified

## Target Details

Target:	TNNI3
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## Target Details

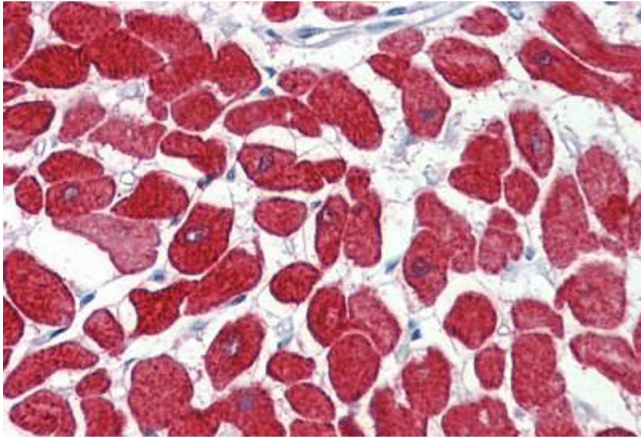
Alternative Name:	TNNI3 / CTnI ( <a href="#">TNNI3 Products</a> )
Background:	Name/Gene ID: TNNI3  Synonyms: TNNI3, CTnI, CMD1FF, CMD2A, RCM1, Troponin I, cardiac, Troponin I, cardiac muscle, Troponin I type 3 (cardiac), Cardiac troponin I, CMH7
Gene ID:	7137
UniProt:	<a href="#">P19429</a>

## Application Details

Application Notes:	Approved: ELISA, IHC, IHC-P (5 µg/mL)  Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL. Suitable for Immunohistochemistry and ELISA.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

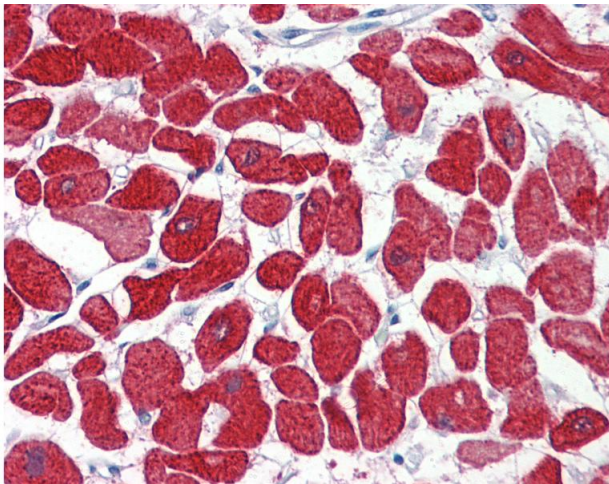
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.2, 0.09 % sodium azide.
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:	avoid freeze thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Heart (formalin-fixed, paraffin-embedded) stained with TNNI3 antibody ABIN462345 followed by biotinylated anti-goat IgG secondary antibody ABIN481715, alkaline phosphatase-streptavidin and chromogen.



#### Immunohistochemistry

**Image 2.** Anti-TNNI3 / CTnI antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.