

**TNNI3 / CTnI Antibody (aa27-40)**  
Goat Polyclonal Antibody  
Catalog # ALS12886**Specification**

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**TNNI3 / CTnI Antibody (aa27-40) - Product Information**

Application	IHC
Primary Accession	<a href="#">P19429</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	24kDa KDa

**TNNI3 / CTnI Antibody (aa27-40) - Additional Information****Gene ID** 7137**Other Names**

Troponin I, cardiac muscle, Cardiac troponin I, TNNI3, TNNC1

**Target/Specificity**

Recognizes human Cardiac Troponin I. No reactivity with Troponin T.

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

TNNI3 / CTnI Antibody (aa27-40) is for research use only and not for use in diagnostic or therapeutic procedures.

**TNNI3 / CTnI Antibody (aa27-40) - Protein Information****Name** TNNI3**Synonyms** TNNC1**Function**

Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.

**Volume**

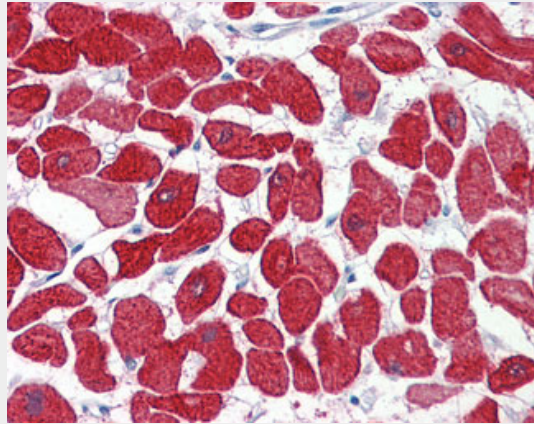
125 µl

**TNNI3 / CTnI Antibody (aa27-40) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **TNNI3 / CTnI Antibody (aa27-40) - Images**



Anti-TNNI3 / CTnI antibody IHC of human heart.

### **TNNI3 / CTnI Antibody (aa27-40) - Background**

Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.

### **TNNI3 / CTnI Antibody (aa27-40) - References**

- Vallins W.J., et al. FEBS Lett. 270:57-61(1990).  
Armour K.L., et al. Gene 131:287-292(1993).  
Hunkeler N.M., et al. Circ. Res. 69:1409-1414(1991).  
Bhavsar P.K., et al. Genomics 35:11-23(1996).  
Mittmann K., et al. FEBS Lett. 273:41-45(1990).