

**Anti-cTnI (pS22/S23) Antibody**  
Rabbit polyclonal antibody to cTnI (pS22/S23)  
Catalog # AP60520

**Specification**

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**Anti-cTnI (pS22/S23) Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P19429</a>
Other Accession	<a href="#">P48787</a>
Reactivity	Human, Mouse, Rat, Rabbit, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24008

**Anti-cTnI (pS22/S23) Antibody - Additional Information**

**Gene ID** 7137

**Other Names**

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

**Target/Specificity**

Recognizes endogenous levels of cTnI (pS22/S23) protein.

**Dilution**

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-cTnI (pS22/S23) Antibody - Protein Information**

**Name** TNNI3

**Synonyms** TNNC1

**Function**

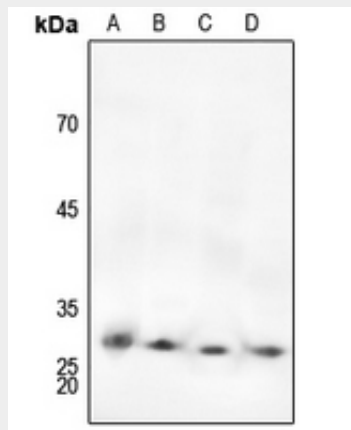
Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.

**Anti-cTnI (pS22/S23) Antibody - Protocols**

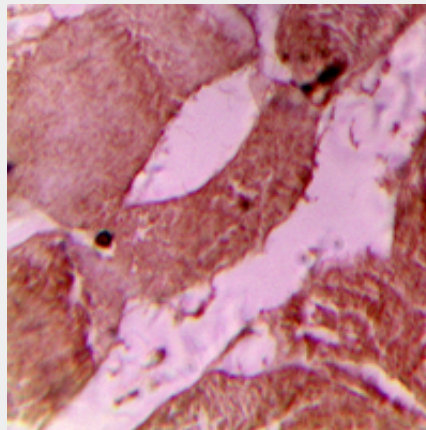
Provided below are standard protocols that you may find useful for product applications.

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

#### **Anti-cTnI (pS22/S23) Antibody - Images**



Western blot analysis of cTnI (pS22/S23) expression in mouse heart (A), mouse kidney (B), rat heart (C), rat kidney (D) whole cell lysates.



Immunohistochemical analysis of cTnI (pS22/S23) staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

#### **Anti-cTnI (pS22/S23) Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human cTnI (pS22/S23). The exact sequence is proprietary.