

# Anti-cTnI (pS22/S23) Antibody

Rabbit polyclonal antibody to cTnI (pS22/S23) Catalog # AP60520

# **Specification**

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

Application WB, IHC
Primary Accession P19429
Other Accession P48787

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

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

#### Dilution

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

#### **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.

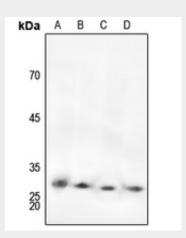


# Anti-cTnI (pS22/S23) Antibody - Protocols

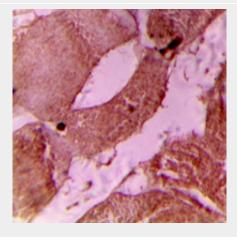
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

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



Western blot analysis of cTnI (pS22/S23) expression in mouse heart (A), moue 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

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