

Anti-cTnI (pS22/S23) Antibody

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

Product Information

ApplicationWB, IHCPrimary AccessionP19429Other AccessionP48787

Reactivity Human, Mouse, Rat, Rabbit, Pig

Host Rabbit
Clonality Polyclonal
Calculated MW 24008

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

(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

Protein Information

Name TNNI3

Synonyms TNNC1

Function Troponin I is the inhibitory subunit of troponin, the thin filament regulatory

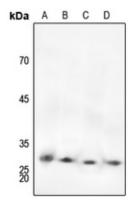
complex which confers calcium-sensitivity to striated muscle actomyosin

ATPase activity.

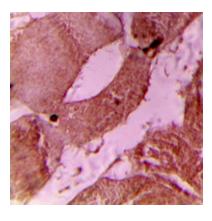
Background

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

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.

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