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Anti-cTnI (Phospho-S22/S23) Antibody

Catalog # AP60520

Product Information

Application	WB, IHC
Primary Accession	P19429
Reactivity	Human, Mouse, Rat, Rabbit, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24008

Additional Information

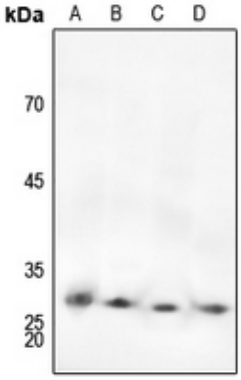
Gene ID	7137
Other Names	TNNI3; TNNC1; Troponin I, cardiac muscle; Cardiac troponin I
Target/Specificity	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S22/S23 of human cTnI protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) 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 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

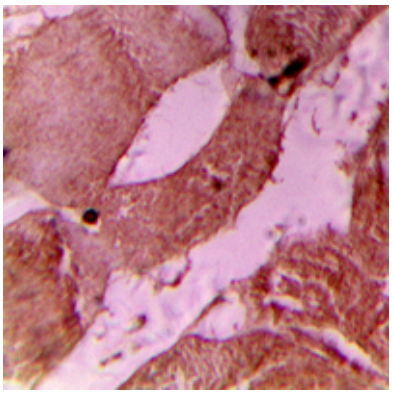
Name	TNNI3
Synonyms	TNNC1
Function	Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.

Images

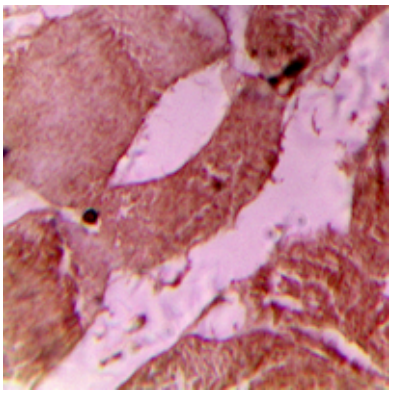
Western blot analysis of cTnI (Phospho-S22/S23) expression in mouse heart (A), moue kidney (B), rat heart (C), rat kidney (D) whole cell lysates. (Predicted band size:



24 kD; Observed band size: 28 kD)



Immunohistochemical analysis of cTnI (Phospho-S22/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.



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.