

Anti-Cardiac Troponin I Rabbit pAb



WL04434

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Cardiac Troponin I Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:400
	IF	1:500
Cellular localization	Cardiac myofibril, sarcomere. Cytoplasm	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	Troponin I (TnI) is the inhibitory subunit of troponin, the structural protein involved in the regulation of striated muscle contraction. TnI is the inhibitory subunit; blocking actin-myosin interactions and thereby mediating striated muscle relaxation. Cardiac Troponin I (cTnI) is produced by cardiac muscle. cTnI has been considered as one of the most specific and sensitive markers of myocardial damage like acute myocardial infarction (AMI) for decades.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Cardiac Troponin I.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

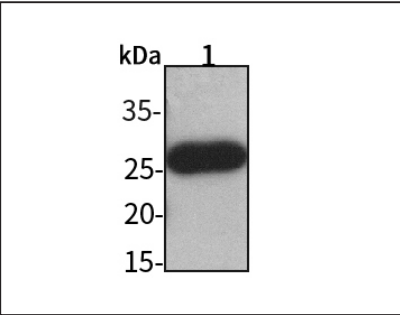
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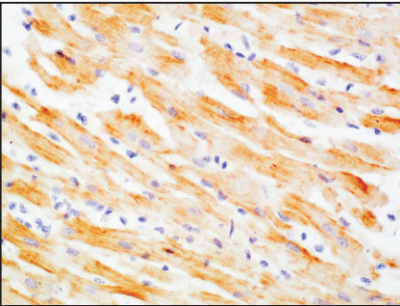
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Product Images



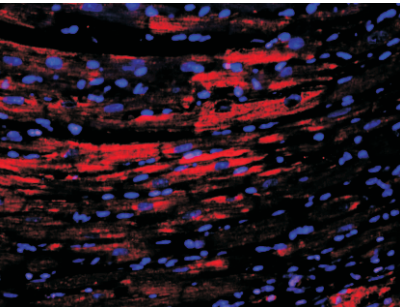
Western blot-Anti-Cardiac Troponin I pAb

Lane 1: Mouse heart tissue lysate
All lanes: Anti-Cardiac Troponin I at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 24 kDa
Observed band size: 24 kDa



Immunohistochemistry-Anti-Cardiac Troponin I pAb

Immunohistochemical analysis of paraffin-embedded rat heart using anti-Cardiac Troponin I Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Cardiac Troponin I pAb

Immunofluorescence analysis of paraffin-embedded mouse heart using anti-Cardiac Troponin I Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0