Anti-Cardiac Troponin I antibody [SM5080] (STJA0005080)

STJA0005080

GENERAL INFORMATION

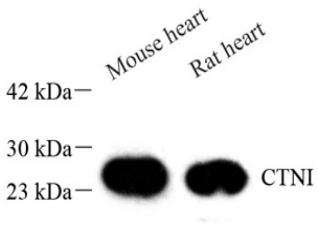
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Cardiac Troponin I is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence research applications.
Applications	WB/IHC/IF
Host/Source	Mouse
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

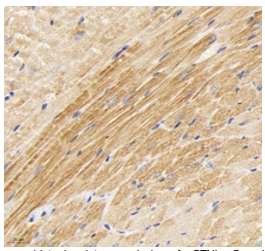
Clonality	Monoclonal
Clone ID	SM5080
Concentration	
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB (M, R) 1:500-1:1000 IHC/IF (M, R) 1:500-1:1000
Formulation	PBS with 0.02% sodium azide, 100 Mu g/ml BSA and 50% glycerol.
Isotype	IgG2ak
Storage Instruction	Store at-20C for up to one year, and avoid repeated freeze-thaw cycles.

TARGET INFORMATION

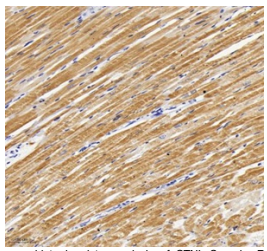
Gene ID	7137
Gene Symbol	TNNI3
Uniprot ID	TNNI3_HUMAN
Immunogen	KLH conjugated Synthetic peptide corresponding to Human CTNI
Immunogen Region	
Specificity	
Immunogen Sequence	



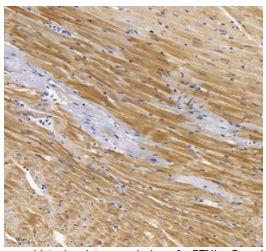
Western blot analysis of CTNI. Sample: Protein treated by RIPA Lysis Buffer. Blocking buffer: 3% Nonfat dry milk in TBST, RT, 1h. Primary antibody: 1:1000, 4C overnight. Secondary antibody: HRP Goat Anti-mouse IgG, 1:3000, RT, 1h.



Immunohistochemistry analysis of CTNI. Sample: mouse heart, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:2000, 4C overnight. Secondary antibody: HRP Goat Anti-mouse IgG, 1:200 RT 1h.



Immunohistochemistry analysis of CTNI. Sample: Rat heart, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:2000, 4C overnight. Secondary antibody: HRP Goat Anti-mouse IgG, 1:200 RT 1h.



Immunohistochemistry analysis of CTNI. Sample: mouse myocardial infarction model heart, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:2000, 4C overnight. Secondary antibody: HRP Goat Anti-mouse IgG, 1:200 RT 1h.

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