

产品名称: Phospho-Cardiac Troponin I (Ser22/Ser23) Rabbit Polyclonal Antibody

产品货号: APRab00836

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC,ELISA
种属反应(Reactivity)	Mouse,Rat
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Phosphorylated
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液(Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化 (Purification)	Affinity Chromatography

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000
分子量(Molecular Weight)	Calculated MW: 24 kDa; Observed MW: 28 kDa

抗原信息(Antigen Information)

基因名(Gene Name)	Tnni3
别名(Alternative Names)	TNNI3; TNNC1; Troponin I; cardiac muscle; Cardiac troponin I
基因 ID(Gene ID)	29248.0
SwissProt ID	P23693
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from mouse TNNI3 around the phosphorylation site of Ser22 and Ser23. AA range:5-54

研究背景 (Background)

Troponin I (TnI), along with troponin T (TnT) and troponin C (TnC), is one of 3 subunits that form the troponin complex of the thin filaments of striated muscle. TnI is the inhibitory subunit; blocking actin-myosin interactions and thereby mediating

striated muscle relaxation. The TnI subfamily contains three genes: tnl-skeletal-fast-twitch, TnI-skeletal-slow-twitch, and TnI-cardiac. This gene encodes the TnI-cardiac protein and is exclusively expressed in cardiac muscle tissues. Mutations in this gene cause familial hypertrophic cardiomyopathy type 7 (CMH7) and familial restrictive cardiomyopathy (RCM).

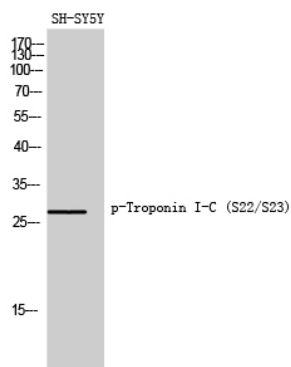
研究领域 (Research Area)

Signal Transduction

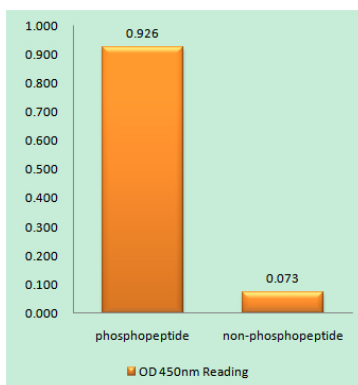
注意事项 (Note)

For research use only.

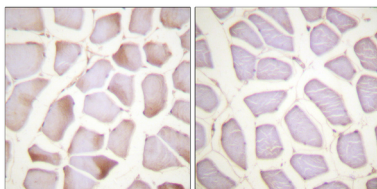
图片 (Image Data)



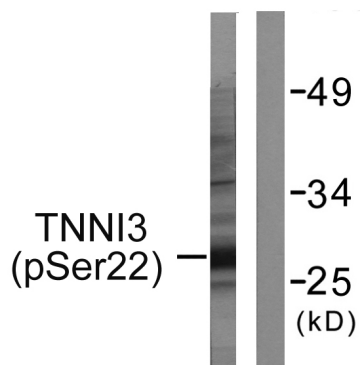
Western blot analysis of Phospho-Cardiac Troponin I (Ser22/Ser23) in SH-SY5Y lysates using Phospho-Cardiac Troponin I (Ser22/Ser23) antibody.



EnzymeLinked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and NonPhospho-peptide (Phospho-right), using TNNI3 (Phospho-Ser22+Ser23) antibody.



Immunohistochemistry analysis of paraffin-embedded Human skeletal muscle using TNNI3 (Phospho-Ser22+Ser23) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Western blot analysis of Phospho-Cardiac Troponin I (Ser22/Ser23) in mouse heart lysates using Phospho-Cardiac Troponin I (Ser22/Ser23) antibody. The lane on the right is blocked with the Phospho- peptide.

EnkiLife 优势产品推荐

产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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