

产品名称: Phospholamban Rabbit Monoclonal Antibody
产品货号: AMRe02437



产品概述 (Summary)

产品名称 (Production Name)	Phospholamban Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PLN
别名 (Alternative Names)	PLN; PLB; Cardiac phospholamban; PLB
基因 ID (Gene ID)	5350
蛋白 ID (SwissProt ID)	P26678.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 6 kDa; Observed MW: 12,24 kDa

研究背景 (Background)

Reversibly inhibits the activity of ATP2A2 in cardiac sarcoplasmic reticulum by decreasing the apparent affinity of the

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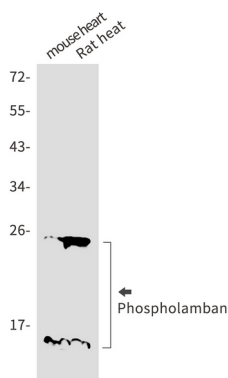


ATPase for Ca^{2+} . Modulates the contractility of the heart muscle in response to physiological stimuli via its effects on ATP2A2. Modulates calcium re-uptake during muscle relaxation and plays an important role in calcium homeostasis in the heart muscle. The degree of ATP2A2 inhibition depends on the oligomeric state of PLN. ATP2A2 inhibition is alleviated by PLN phosphorylation.

研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western blot analysis of Phospho-lamban in mouse heart, rat heart lysates using Phospho-lamban antibody.

注意事项 (Note)

For research use only .