

产品名称: Phospho-Phospholamban (S16) (3B11) Rabbit Monoclonal Antibody
产品货号: AMRe05966



产品概述 (Summary)

产品名称 (Production Name)	Phospho-Phospholamban (S16) (3B11) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
种属反应性 (Reactivity)	Human, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
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)	Supplied in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% New type preservative N 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)	Cardiac phospholamban; CMD1P; CMH18; PLB; Pln;
基因 ID (Gene ID)	5350.0
蛋白 ID (SwissProt ID)	P26678. Recombinant protein of human Phospholamban

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:2000
蛋白分子量 (Molecular Weight)	6kDa

研究背景 (Background)

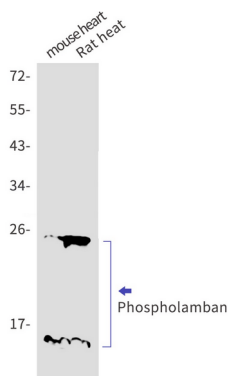
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Monoclonal Antibody
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Reversibly inhibits the activity of ATP2A2 in cardiac sarcoplasmic reticulum by decreasing the apparent affinity of the ATPase for Ca^{2+} . Modulates the contractility of the heart muscle in response to physiological stimuli via its effects on ATP2A2. Reversibly inhibits the activity of ATP2A2 in cardiac sarcoplasmic reticulum by decreasing the apparent affinity of the ATPase for Ca^{2+} (PubMed:28890335). 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 detection of Phospholamban in mouse heart, Rat heart cell lysates using Phospholamban antibody(1:1000 diluted).

注意事项 (Note)

For research use only .