

PLB (19W9) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01735

Product information

产品货号	HZ-YMA01735
别名	PLN;PLB;Cardiac phospholamban;PLB
产品名称	PLB (19W9) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	PLN
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,IP,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	5350
Human Swissprot No.	P26678
稀释度	IHC-P 1:200-1:1000;WB 1:2000-1:10000;IF-P/IF-F/IF-ICC 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200
参考分子量	24kDa
预测分子量	6kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	The protein encoded by this gene is found as a pentamer and is a major substrate for the cAMP-dependent protein kinase in cardiac muscle. The encoded protein is an inhibitor of cardiac muscle sarcoplasmic reticulum Ca (2+) -ATPase in the unphosphorylated state , but inhibition is relieved upon phosphorylation of the protein. The subsequent activation of the Ca (2+) pump leads to enhanced muscle relaxation rates , thereby contributing to the inotropic response elicited in heart by beta-agonists. The encoded protein is a key regulator of cardiac diastolic function. Mutations in this gene are a cause of inherited human dilated cardiomyopathy with refractory congestive heart failure , and also familial hypertrophic cardiomyopathy. [provided by RefSeq , Apr 2016] ,
细胞定位	Endoplasmic reticulum membrane ; Single-pass membrane protein . Sarcoplasmic reticulum membrane ; Single-pass membrane protein . Mitochondrion membrane ; Single-pass membrane protein . Membrane ; Single-pass membrane protein . Colocalizes with HAX1 at the endoplasmic reticulum (PubMed:17241641) . Colocalizes with DMPK at the sarcoplasmic reticulum (PubMed:15598648) . .
纯化	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.
Clonality	Monoclonal