

兔抗 PLN 多克隆抗体

中文名称：兔抗 PLN 多克隆抗体

英文名称：Anti-PLN rabbit polyclonal antibody

抗 原：PLN

别 名：phospholamban; PLB; CMD1P; CMH18

相关类别：一抗

储 存：冷冻（-20℃）

宿 主：Rabbit

反应种属：Human, Mouse, Rat

标 记 物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

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 c

	ardiomyopathy.
Applications:	ELISA, WB, IHC
Name of antibody:	PLN
Immunogen:	Synthetic peptide of human PLN
Full name:	phospholamban
Synonyms:	PLB; CMD1P; CMH18
SwissProt:	P26678
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human brain
IHC Recommend dilution:	25-50
WB Predicted band size:	6 kDa
WB Positive control:	Mouse heart tissue, Human heart tissue, Rat heart tissue lysates
WB Recommended dilution:	500-2000



