

## 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 cardiomyopathy.

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



