

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

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| | inherited human dilated cardiomyopathy with refractory congestive heart failure, and also familial hypertrophic cardiomyopathy. |
| 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 |



