Datasheet for ABIN682470

anti-Phospholamban antibody (pSer16) (Biotin)

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Overview

Quantity:	100 µL
Target:	Phospholamban (PLN)
Binding Specificity:	pSer16
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phospholamban antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Cardiac phospholamban around the phosphorylation site of Ser16
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Phospholamban (PLN)

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Target Details

Alternative Name:	PLB (PLN Products)
Background:	Synonyms: Phospholamban phospho S16, p-Phospholamban phospho S16, p-PLBS16, Cardiac phospholamban, CMD1P, PLB, PLN, PPLA_HUMAN. Background: Defects in PLN are the cause of cardiomyopathy dilated type 1P (CMD1P) . Dilated cardiomyopathy is a disorder characterized by ventricular dilation and impaired systolic function, resulting in congestive heart failure and arrhythmia. Patients are at risk of premature death.Defects in PLN are the cause of cardiomyopathy familial hypertrophic type 18 (CMH18) . CMH18 is a hereditary heart disorder characterized by ventricular hypertrophy, which is usually asymmetric and often involves the interventricular septum. The symptoms include dyspnea, syncope, collapse, palpitations, and chest pain. They can be readily provoked by exercise. The disorder has inter- and intrafamilial variability ranging from benign to malignant forms with high risk of cardiac failure and sudden cardiac death.
Gene ID:	5350
Pathways:	Negative Regulation of Transporter Activity

Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months

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