

Datasheet for ABIN1531373

anti-Phospholamban antibody (pSer16)



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1 Image

Overview

Quantity:	100 µL
Target:	Phospholamban (PLN)
Binding Specificity:	AA 1-50, pSer16
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phospholamban antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human PLB around the phosphorylation site of Ser16 and Thr17.
Isotype:	IgG
Specificity:	PLB (Phospho-Ser16+Thr17) Antibody detects endogenous levels of PLB only when phosphorylated at Ser16 and Thr17. PhosphorylationH:S16+T17 M:S16+T17 R:S16+T17
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

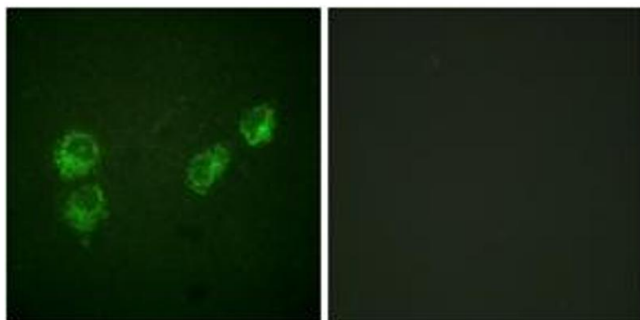
Target:	Phospholamban (PLN)
Alternative Name:	PLB (PLN Products)
Background:	Synonyms: Cardiac phospholamban, PLN NCBI Gene Symbol: PLN
Molecular Weight:	6 kDa
Gene ID:	5350
OMIM:	172405
UniProt:	P26678
Pathways:	Negative Regulation of Transporter Activity

Application Details

Application Notes:	IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.170839 (NCBI Gene Symbol: PLN)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunofluorescence

Image 1. Immunofluorescence analysis of HuvEc cells, using PLB (Phospho-Ser16+Thr17) Antibody. The picture on the right is treated with the synthesized peptide.