

Datasheet for ABIN204571

anti-Phospholamban antibody (pSer16)



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Overview

Quantity:	100 µg
Target:	Phospholamban (PLN)
Binding Specificity:	AA 14-25, pSer16
Reactivity:	Human, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phospholamban antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide corresponding to aa14-25 of human cardiac phospholamban with a cysteine added at the C-terminal (RA[pS]TIEMPQQAR-C) (KLH).
	Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Recognizes human Phospholamban phosphorylated (Ser16) (Mr 5-25kD). Species cross-reactivity: bovine. Species sequence Homology: mouse, rat, rabbit, porcine and canine.
Purification:	Immunoaffinity purified

Target Details

Target:	Phospholamban (PLN)
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Target Details

Alternative Name:	PLN / Phospholamban (PLN Products)
Background:	Name/Gene ID: PLN Synonyms: PLN, CMD1P, CMH18, PLB, Cardiac phospholamban, Phospholamban
Gene ID:	5350
UniProt:	P26678
Pathways:	Negative Regulation of Transporter Activity

Application Details

Application Notes:	Approved: ELISA, WB (0.5 - 2 µg/mL) Usage: Suitable for use in ELISA and Western Blot. Proteins were visualized using a goat anti-rabbit IgG labeled with HRP and a chemiluminescence detection system. Note: Do not boil cardiac preparation. Boiling may reduce the 25kD pentamer in to tri-, di- or monomers. In addition, phosphorylation may disrupt the pentamer into dimers and monomers. Additional non-specific bands may be detected in some lysates (Mr 75 & 100kD).
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.1 M Tris-glycine, pH 7.4, 0.15 M sodium chloride, 0.05 % sodium azide, 30 % 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:	4 °C, -20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.