

PLB Antibody | anti-PLB antibody

PLB (Phospho-Ser16+Thr17) Antibody

CATALOG # AAA111614	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence
-------------------------------	--	--

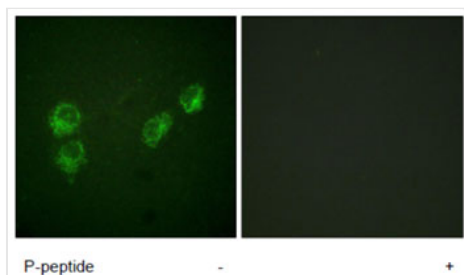
PRODUCT SYNONYMS

PLB; PLB (Phospho-Ser16+Thr17) Antibody; PLN; PPLA; PPLA_DOG; cardiac phospholamban; phospholamban; anti-PLB antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PLB (Phospho-Ser16+Thr17) antibody detects endogenous levels of PLB only when phosphorylated at serine 16 and threonine 17.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	52
Applicable Applications for anti-PLB antibody	ELISA, IF (Immunofluorescence)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PLB around the phosphorylation site of serine 16 and threonine 17 (R-A-S ^P -T ^P -I-E).
All Sites	Human: Ser16+Thr17 Mouse: Ser16+Thr17 Rat: Ser16+Thr17
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HuvEc cells, using PLB (Phospho-Ser16+Thr17) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PLB antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
---	---

References	Fujii J., J. Biol. Chem. 266:11669-11675(1991). McTiernan C.F., J. Mol. Cell. Cardiol. 31:679-692(1999). Haghighi K., Proc. Natl. Acad. Sci. U.S.A. 103:1388-1393(2006).
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505887
NCBI GeneID	5350
NCBI Accession #	NP_002658.1
NCBI GenBank Nucleotide #	NM_002667.4
UniProt Accession #	P26678
NCBI Official Full Name	cardiac phospholamban
NCBI Official Synonym Full Names	phospholamban
NCBI Official Symbol	PLN
NCBI Official Synonym Symbols	PLB; CMD1P; CMH18
NCBI Protein Information	cardiac phospholamban
UniProt Protein Name	Cardiac phospholamban
UniProt Gene Name	PLN
UniProt Synonym Gene Names	PLB; PLB

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/plb/111614>