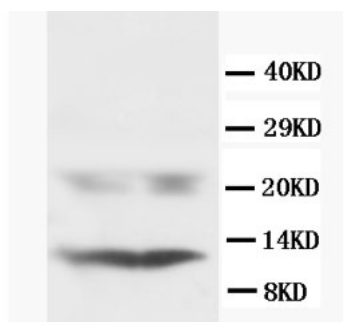




## Rabbit polyclonal antibody to Human Phospholamban (2-16): Affinity purified

<b>Catalogue No.:</b>	R-1351-100
<b>Description:</b>	Phospholamban regulates the activity of the calcium pump of cardiac sarcoplasmic reticulum (Ref: SWISSPROT).
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide (EKVQYLTRSAIRRAS) corresponding to a region (2-16 aa) from the N-terminus of human Phospholamban.
<b>Sequence:</b>	EKVQYLTRSAIRRAS
<b>Antibody Type:</b>	Antiserum
<b>Other Names:</b>	Cardiac phospholamban; PLB; PLN; PLB;
<b>Accession:</b>	P26678 PPLA_RAT; P61016 PPLA_RAT;
<b>Produced in:</b>	Rabbit
<b>Applications:</b>	Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Rat Phospholamban has a predicted length of 52 amino acids and MW of 6 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Antibody Against:</b>	Phospholamban
<b>Cross-reactivity:</b>	Rat; predicted to react with human and mouse due to sequence homology;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>
<b>Appearance:</b>	Lyophilized white powder
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase



Western Blot using Rabbit polyclonal antibody to Phospholamban: Lanes 1 and 2 contain rat heart tissue lysate.

FOR RESEARCH USE ONLY