

# Phospholamban Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Rat
Published Species	Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (KVQYLTRSAIRR) corresponding to the N-terminus amino acids of Phospholamban
Form	Liquid
Concentration	0.5 mg/mL
Purification	Ammonium sulfate precipitation
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_10983624

Applications	Tested Dilution	Publications
Western Blot (WB)	0.01-0.03 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	3.75 µg/mL	-
Miscellaneous PubMed (Misc)	-	1 Publication

## Product Specific Information

This antibody is predicted to react with bovine and porcine based on sequence homology.

This antibody is tested in Peptide ELISA: antibody detection limit dilution 8,000.

## Product Images For Phospholamban Polyclonal Antibody

**Phospholamban Antibody (PA5-19351) in WB**  
Western blot analysis of Phospholamban using Phospholamban Polyclonal Antibody (Product # PA5-19351) (0.03 µg/mL) in staining of Human Heart lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

10kDa

1 Reference

Miscellaneous PubMed (1)

American journal of physiology. Regulatory, integrative and comparative physiology	Year 2016
<b>Intensive training and reduced volume increases muscle FXYD1 expression and phosphorylation at rest and during exercise in athletes.</b>	Species Human
"PA5-19351 was used in western blot to assess the effect of intensive training in combination with marked reduction in training volume on phospholemmman expression and phosphorylation at rest and during exercise"	
Authors: Thomassen M,Gunnarsson TP,Christensen PM,Pavlovic D,Shattock MJ,Bangsbo J	

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