

Product Datasheet

Phospholamban [p Ser16] Antibody NBP3-18744

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-18744**Phospholamban [p Ser16] Antibody**

Product Information	
Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.07% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	0.014 M phosphate buffer, pH 7.6, 0.175 M NaCl, and 30% glycerol.
Product Description	
Host	Rabbit
Gene ID	5350
Gene Symbol	PLN
Species	Human
Reactivity Notes	Predicted to cross-react with human, mouse, rat, rabbit, porcine and canine. The immunizing sequence is identical in mouse, rat, rabbit, porcine and canine.
Specificity/Sensitivity	Recognizes phosphorylated phospholamban (Ser16), Mr 5-25 kDa. Additional non-specific bands may be detected, Mr 75 & 100 kDa, in some lysates.
Immunogen	KLH-conjugated, synthetic peptide corresponding to amino acids 14-25 of human cardiac phospholamban (RA[pS]TIEMPQQAR-C) with an added C-terminal cysteine
Notes	Handling Recommendations: Upon first thaw, and prior to removing the cap, centrifuge the vial and gently mix the solution. Aliquot into microcentrifuge tubes and store at -20C. Avoid repeated freeze/thaw cycles, which may damage IgG and affect product performance. Note: Variability in freezer temperatures below -20C may cause glycerol containing solutions to become frozen during storage. Stable for 1 year at -20C from date of receipt.
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot
Application Notes	Western Blot: Routinely evaluated by western blot on bovine cardiac preparation that was incubated with PKA 0.5-2 ug/mL of this lot detected phosphorylated phospholamban from a bovine cardiac preparation that was incubated with 10 ug PKA for 10 minutes. DO NOT BOIL CARDIAC PREPARATION. Boiling may reduce the 25 kDa pentamer into tri-, di- or monomers. In addition, phosphorylation may disrupt the pentamer into dimers and monomers.



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Products Related to NBP3-18744

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7156	Goat anti-Rabbit IgG (H+L) Secondary Antibody
NBP2-24891	Rabbit IgG Isotype Control
H00005350-Q01-10ug	Recombinant Human Phospholamban GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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