

Phospholamban Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide within human Phospholamban aa 1-31
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	TBS, pH 7.4, with 50% glycerol, 0.2% BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2913375

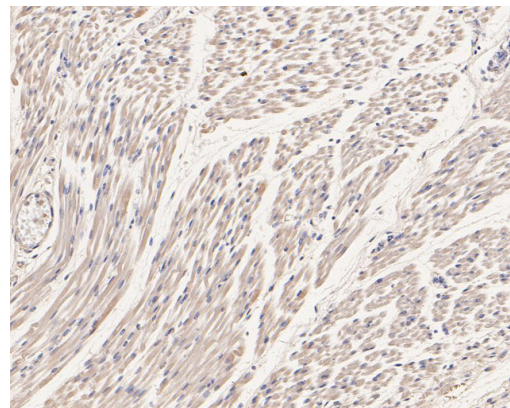
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:50-1:100	-

Product Specific Information

Positive Control: Rat heart tissue lysate, human heart tissue lysate, SH-SY5Y, rat heart tissue, human fetal skeletal muscle tissue, mouse heart tissue.

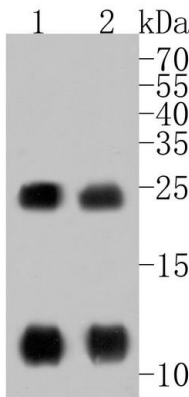
Subcellular Location: Endoplasmic reticulum membrane, Mitochondrion membrane, Sarcoplasmic reticulum membrane, Membrane.

Product Images For Phospholamban Polyclonal Antibody



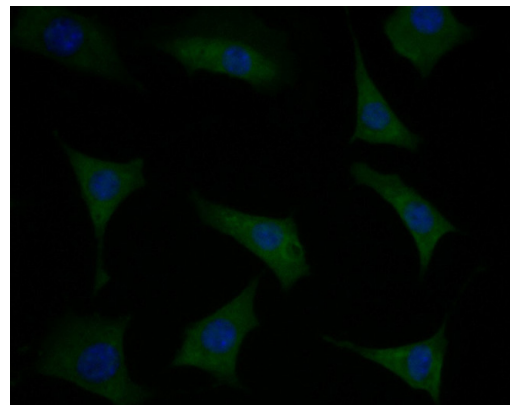
Phospholamban Antibody (PA5-119803) in IHC (P)

Immunohistochemistry (Paraffin) analysis of paraffin-embedded human fetal skeletal muscle tissue using Phospholamban Polyclonal Antibody (Product # PA5-119803). The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the Phospholamban antibody at a dilution of 1:400 for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Phospholamban Antibody (PA5-119803) in WB

Western blot analysis of Phospholamban on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. Phospholamban Polyclonal Antibody (Product # PA5-119803) at 1:1,000 was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Rat heart tissue lysate. Lane 2: Human heart tissue lysate.



Phospholamban Antibody (PA5-119803) in ICC/IF

Immunocytochemistry-Immunofluorescence analysis of Phospholamban in SH-SY5Y cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with Phospholamban Polyclonal Antibody (Product # PA5-119803) at a dilution of 1:50 for 1 hour at room temperature, washed with PBS. Alexa Fluor 488 Goat anti-Rabbit IgG was used as the secondary antibody at 1:1,000 dilution. The nuclear counter stain is DAPI (blue).

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