# antibodies -online.com





Datasheet for ABIN1176627

# anti-PHPT1 antibody (AA 1-125)





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Quantity:	100 μL	
Target:	PHPT1	
Binding Specificity:	AA 1-125	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)	

# **Product Details**

Immunogen:	PHPT1 (Met1-Tyr125)	
Isotype:	IgG	
Specificity:	The antibody is a rabbit polyclonal antibody raised against PHPT1. It has been selected for its ability to recognize PHPT1 in immunohistochemical staining and western blotting.	
Purification:	Antigen-specific affinity chromatography	

# **Target Details**

Target:	PHPT1
Abstract:	PHPT1 Products
Background:	Alternative Names: PHP14, Phosphohistidine Phosphatase 14 kDa, Sex-Regulated Protein
	Janus-a, Protein janus-A homolog

Positive Regulation of Peptide Hormone Secretion

# **Application Details**

### Application Notes:

Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500
 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 Optimal working dilutions must be determined by end user.

### Comment:

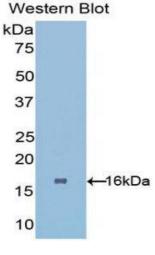
The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37&degC for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

### Restrictions:

For Research Use only

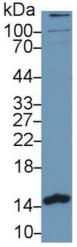
# Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled.
	Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or
	eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a
	physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute
	azide-containing compounds in running water before discarding to avoid accumulation of
	potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	4 °C
Storage Comment:	Store at 2-8 °C for one month. Aliquot and store at -80 °C for 12 months.
Expiry Date:	12 months



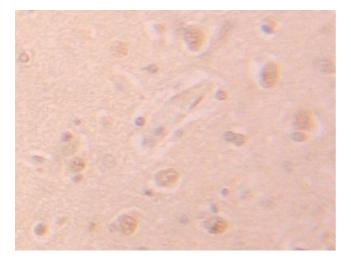
# **Western Blotting**

Image 1.



# Western Blotting

Image 2. Western Blot; Sample: Human MCF7 cell lysate; Primary Ab: 1μg/ml Rabbit Anti-Human PHPT1 Antibody Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



# **Immunohistochemistry**

**Image 3.** Used in DAB staining on fromalin fixed paraffinembedded Heart tissue

Please check the product details page for more images. Overall 4 images are available for ABIN1176627.