

Datasheet for ABIN7437653
anti-PHPT1 antibody (AA 1-124)

5 Images

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Overview

Quantity:	100 µL
Target:	PHPT1
Binding Specificity:	AA 1-124
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHPT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Phosphohistidine Phosphatase 1 (PHPT1)
Immunogen:	Recombinant Phosphohistidine Phosphatase 1 (PHPT1) corresponding to Met1~Tyr124 (Accession # Q9DAK9)
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.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	PHPT1
Alternative Name:	Phosphohistidine Phosphatase 1 (PHPT1 Products)
Background:	PHP14, Phosphohistidine Phosphatase 14 kDa, Sex-Regulated Protein Janus-a, Protein janus-A homolog
Pathways:	Positive Regulation of Peptide Hormone Secretion

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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°C 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

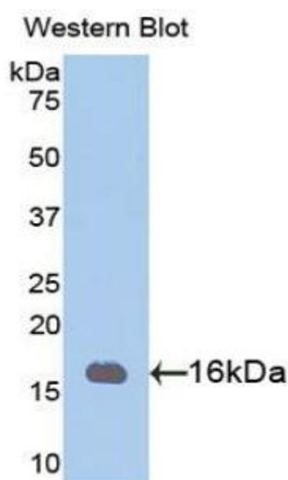
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



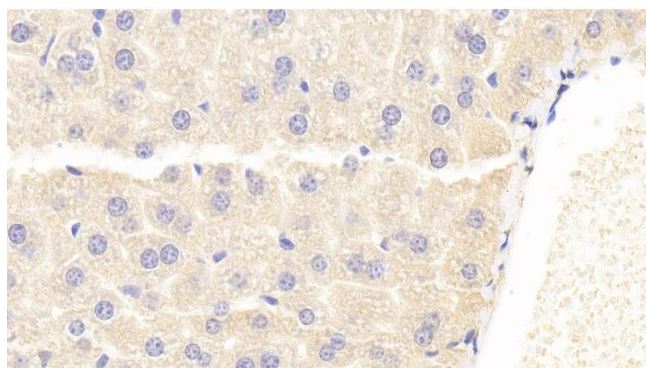
Western Blotting

Image 1. Detection of PHPT1 in Rat Testis lysate using Polyclonal Antibody to Phosphohistidine Phosphatase 1 (PHPT1)



Western Blotting

Image 2. Detection of Recombinant PHPT1, Mouse using Polyclonal Antibody to Phosphohistidine Phosphatase 1 (PHPT1)



Immunohistochemistry

Image 3. Detection of PHPT1 in Mouse Liver Tissue using Polyclonal Antibody to Phosphohistidine Phosphatase 1 (PHPT1)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7437653.