

Datasheet for ABIN7247390

anti-PHPT1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	PHPT1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHPT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Fusion protein of human PHPT1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	PHPT1
Alternative Name:	PHPT1 (PHPT1 Products)
Background:	This gene encodes an enzyme that catalyzes the reversible dephosphorylation of histidine residues in proteins. It may be involved in the dephosphorylation of G-beta and ATP citrate lyase and in negatively regulating CD4 T lymphocytes by dephosphorylation and inhibition of KCa3.1 channels. Alternative splicing results in multiple transcript variants.

Target Details

Molecular Weight:	Observed_MW: Refer to figures
	Calculated_MW: 14 kDa
UniProt:	Q9NRX4
Pathways:	Positive Regulation of Peptide Hormone Secretion

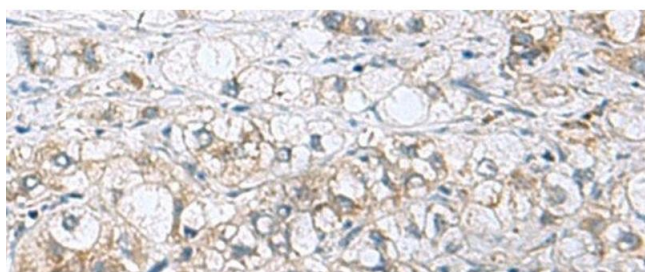
Application Details

Application Notes:	WB 1:1000-1:5000, IHC 1:200-1:400, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

Handling

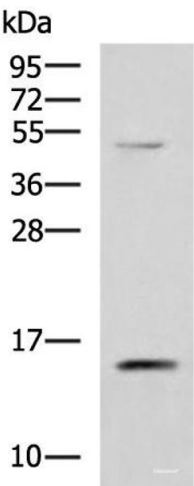
Format:	Liquid
Concentration:	1.86 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using PHPT1 Polyclonal Antibody at dilution of 1:210(x200)



Western Blotting

Image 2. Western blot analysis of 293T cell lysate using PHPT1 Polyclonal Antibody at dilution of 1:800