Datasheet for ABIN357858

anti-PHPT1 antibody (C-Term)

2 Images | 1 Publication

Go to Product page

Overview

Quantity:	0.4 mL
Target:	PHPT1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHPT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human PHPT1.
Isotype:	Ig Fraction
Specificity:	This antibody detects PHPT1 (C-term).
Purification:	Protein A Chromatography followed by peptide affinity purification.

Target Details

Target:	PHPT1
Alternative Name:	PHPT1 (PHPT1 Products)

Target Details

Background:	PHPT1 is an EDTA-insensitive phosphohistidine phosphatase that catalyzes the dephosphorylation of phosphopeptide I (Ek etal., 2002 [PubMed 12383260]).[supplied by OMIM].Synonyms: 14 kDa phosphohistidine phosphatase, HSPC141, PHP14, Phosphohistidine phosphatase 1, Protein janus-A homolog
Molecular Weight:	13833 Da
Gene ID:	29085, 9606
UniProt:	Q9NRX4
Pathways:	Positive Regulation of Peptide Hormone Secretion

Application Details

Application Notes:	ELISA: 1/1,000. Western Blot: 1/50-1/100. Immunohistochemistry: 1/10-1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

Publications

Product cited in:	De Marco, Lappano, De Francesco, Cirillo, Pupo, Avino, Vivacqua, Abonante, Picard, Maggiolini: " GPER signalling in both cancer-associated fibroblasts and breast cancer cells mediates a feedforward IL1β/IL1R1 response." in: **Scientific reports**, Vol. 6, pp. 24354, (2017) (PubMed).

Publications

Images

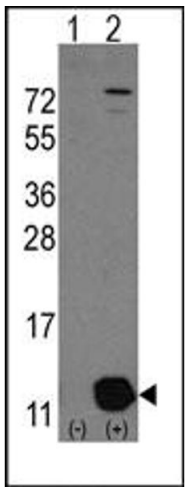

Image 1.

Image 2.