

Rabbit anti-Human PHPT1 Polyclonal Antibody | anti-PHPT1 antibody

PHPT1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284887	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PHPT1; Polyclonal Antibody; PHPT1 Antibody (C-term); 14 kDa phosphohistidine phosphatase; 313-; Phosphohistidine phosphatase 1; Protein janus-A homolog; PHP14; anti-PHPT1 antibody

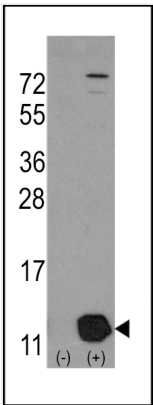
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PHPT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 88-117 amino acids from the C-terminal region of human PHPT1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.45 (varies by lot)
Sequence Positions	88-117
Sequence Length	124
Applicable Applications for anti-PHPT1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human skeletal muscle tissue reacted with PHPT1 Antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PHPT1 (arrow) using rabbit polyclonal PHPT1 Antibody (Human C-term).293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the PHPT1 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-PHPT1 antibody	PHPT1 is an EDTA-insensitive phosphohistidine phosphatase that catalyzes the dephosphorylation of phosphopeptide I (Ek etal., 2002 [PubMed 12383260]).[supplied by OMIM].
Product Categories/Family for anti-PHPT1 antibody	Cell Biology
References	Lim,J., Cell 125 (4), 801-814 (2006) Mehrl,A., Nucleic Acids Res. 34 (DATABASE ISSUE), D415-D418 (2006) Ma,R.,Biochem. Biophys. Res. Commun. 337 (3), 887-891 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	24475861
NCBI GeneID	29085
NCBI Accession #	NP_054891.2
NCBI GenBank Nucleotide #	NM_014172.5
UniProt Accession #	Q9NRX4; Q9H0Y3; B1AMX0; B1AMX1
Molecular Weight	13833
NCBI Official Full Name	14 kDa phosphohistidine phosphatase isoform 3
NCBI Official Synonym Full Names	phosphohistidine phosphatase 1
NCBI Official Symbol	PHPT1
NCBI Official Synonym Symbols	PHP14; CGI-202; HSPC141; HEL-S-132P
NCBI Protein Information	14 kDa phosphohistidine phosphatase
UniProt Protein Name	14 kDa phosphohistidine phosphatase
UniProt Gene Name	PHPT1
UniProt Synonym Gene Names	PHP14
UniProt Entry Name	PHP14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/phpt1-antibody-immunohistochemistry-western-blot-elisa/284887>