

Rabbit Phosphohistidine Phosphatase 1 (PHPT1) Polyclonal Antibody | anti-PHPT1 antibody

Polyclonal Antibody to Phosphohistidine Phosphatase 1 (PHPT1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133324	Rabbit	Human, Mouse, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

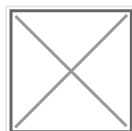
PRODUCT SYNONYMS

Phosphohistidine Phosphatase 1 (PHPT1); Polyclonal Antibody; Polyclonal Antibody to Phosphohistidine Phosphatase 1 (PHPT1); anti-PHPT1 antibody

PRODUCT SPECIFICATIONS

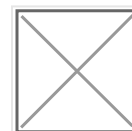
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PHPT1. It has been selected for its ability to recognize PHPT1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a His-tag and its sequence is listed below. M GHHHHHSGS EF-MAVADLA LIPDVIDSD GVFKYVLIRV HSAPRSGAPA AESKEIVRGY KWAHEYHADIY DKVSGDMQKQ GCDCECLGGG RISHQSQDKK IHVYGYSMAY GPAQHAISTE KIKAKYPDYE VTWANDGY
Sequence Length	124
Applicable Applications for anti-PHPT1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant PHPT1 (Met1~Tyr125) expressed in E.coli.
Cross Reactivity	Human, Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Application Data

Knockout Validation: Lane 1: Wild-type 293T cell lysate; Lane 2: PHPT1 knockout 293T cell lysate; Predicted MW: 14kd Observed MW: 15kd Primary Ab: 1ug/ml Rabbit Anti-Human PHPT1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Human Liver Tissue

**IHC (Immunohistochemisry)**

DAB staining on fromalin fixed paraffin-embedded Heart tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Human MCF7 cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Human PHPT1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-PHPT1 antibody

[Knock-Out Validation Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	209529723
NCBI GeneID	29085
NCBI Accession #	NP_001129333.1
NCBI GenBank Nucleotide #	NM_001135861.2
UniProt Accession #	Q9NRX4 ; Q9H0Y3 ; B1AMX0 ; B1AMX1
Molecular Weight	13,672 Da
NCBI Official Full Name	14 kDa phosphohistidine phosphatase isoform 2
NCBI Official Synonym Full Names	phosphohistidine phosphatase 1
NCBI Official Symbol	PHPT1
NCBI Official Synonym Symbols	PHP; 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; PHP

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/phosphohistidine-phosphatase-1-phpt1-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/133324>