

Rabbit anti-Human PHTNS Polyclonal Antibody | anti-PPP1R18 antibody

PHTNS Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283900	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

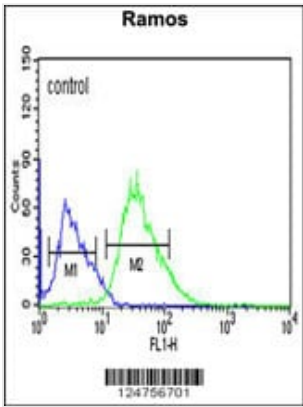
PRODUCT SYNONYMS

PHTNS; Polyclonal Antibody; PHTNS Antibody (N-term); Phostensin; Protein phosphatase 1 F-actin cytoskeleton-targeting subunit; Protein phosphatase 1 regulatory subunit 18; PPP1R18; HKMT1098; KIAA1949; anti-PPP1R18 antibody

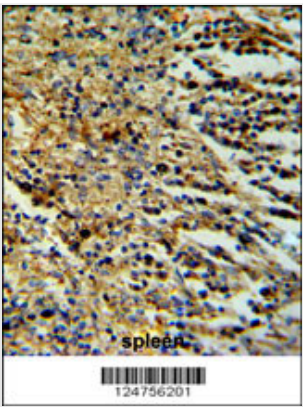
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PHTNS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 192-220 amino acids from the N-terminal region of human PHTNS.
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: 0.5 (varies by lot)
Sequence Positions	192-220
Sequence Length	165
Applicable Applications for anti-PPP1R18 antibody	FCM/FACS (Flow Cytometry), 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.

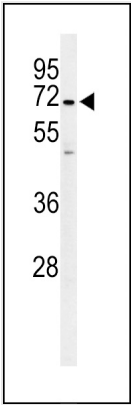
IMAGES



FCM/FACS (Flow Cytometry)
PHTNS Antibody (N-term) flow cytometric analysis of Ramos cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
PHTNS Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded human spleen tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PHTNS Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PHTNS Antibody (N-term) in Ramos cell line lysates (35ug/lane). PHTNS (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1R18 antibody	PHTNS interacts with regulatory subunits that target the enzyme to different cellular locations and change its activity toward specific substrates. Phostensin is a regulatory subunit that targets PP1 to F-actin cytoskeleton?
Product Categories/Family for anti-PPP1R18 antibody	Signal Transduction
References	Lai, N.S., et al. Biochem. Biophys. Res. Commun. 387(4):676-681(2009) Barcellos, L.F., et al. PLoS Genet. 5 (10), E1000696 (2009) Kao, S.C., et al. Biochem. Biophys. Res. Commun. 356(3):594-598(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	199559805
NCBI GeneID	170954
NCBI Accession #	NP_001128342.1; NP_597728.1
NCBI GenBank Nucleotide #	NM_001134870.1
UniProt Accession #	Q6NYC8; Q68CK8; Q6ZTV1; Q6ZUJ6; Q8NDQ4; Q8TF52; A2AB01; A2AIB8; A4UBI6; A6NCB7; A8MSS7; B7ZCV7
Molecular Weight	67943

NCBI Official Full Name	phostensin
NCBI Official Synonym Full Names	protein phosphatase 1, regulatory subunit 18
NCBI Official Symbol	PPP1R18
NCBI Official Synonym Symbols	HKMT1098; KIAA1949
NCBI Protein Information	phostensin
UniProt Protein Name	Phostensin
UniProt Gene Name	PPP1R18
UniProt Synonym Gene Names	HKMT1098; KIAA1949
UniProt Entry Name	PPR18_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://www.aaabiotech.com/polyclonal/phtns-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283900>