

Rabbit PSTPIP1 Polyclonal Antibody | anti-PSTPIP1 antibody

PSTPIP1 Antibody (N-term)

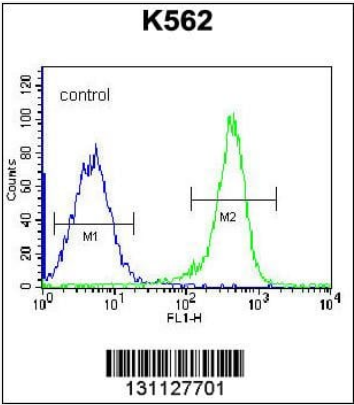
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290028	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

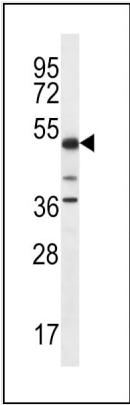
PSTPIP1; Polyclonal Antibody; PSTPIP1 Antibody (N-term); Proline-serine-threonine phosphatase-interacting protein 1; PEST phosphatase-interacting protein 1; CD2-binding protein 1; H-PIP; CD2BP1; anti-PSTPIP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PSTPIP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 89-118 amino acids from the N-terminal region of human PSTPIP1.
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	89-118
Sequence Length	397
Applicable Applications for anti-PSTPIP1 antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
PSTPIP1 Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
PSTPIP1 Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the PSTPIP1 antibody detected the PSTPIP1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PSTPIP1 antibody	The protein encoded by this gene binds to the cytoplasmic tail of CD2, an effector of T cell activation and adhesion, negatively affecting CD2-triggered T cell activation. The encoded protein appears to be a scaffold protein and a regulator of the actin cytoskeleton. It has also been shown to bind ABL1, PTPN18, WAS, CD2AP, and PTPN12. Mutations in this gene are a cause of PAPA syndrome.
Product Categories/Family for anti-PSTPIP1 antibody	Signal Transduction
References	Andre, M.F., et al. Dig. Dis. Sci. 55(6):1681-1688(2010) Rose, J. Phd, et al. Mol. Med. (2010) In press : Hong, J.B., et al. J. Am. Acad. Dermatol. 61(3):533-535(2009) Voss, M., et al. BMC Immunol. 10, 53 (2009) : Waite, A.L., et al. PLoS ONE 4 (7), E6147 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	20149528
NCBI GeneID	9051
NCBI Accession #	NP_003969.2
NCBI GenBank Nucleotide #	NM_003978.3
UniProt Accession #	O43586; O43585; O95657; B5BU74; B5BUK4
Molecular Weight	47591
NCBI Official Full Name	proline-serine-threonine phosphatase-interacting protein 1
NCBI Official Synonym Full Names	proline-serine-threonine phosphatase interacting protein 1
NCBI Official Symbol	PSTPIP1
NCBI Official Synonym Symbols	H-PIP; PAPAS; CD2BP1; PSTPIP; CD2BP1L; CD2BP1S
NCBI Protein Information	proline-serine-threonine phosphatase-interacting protein 1
UniProt Protein Name	Proline-serine-threonine phosphatase-interacting protein 1

UniProt Gene Name	PSTPIP1
UniProt Synonym Gene Names	CD2BP1; PEST phosphatase-interacting protein 1
UniProt Entry Name	PPIP1_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/pstpip1-antibody-flow-cytometry-western-blot-elisa/290028>