

Rabbit anti-Human, Mouse PSTPIP1 Polyclonal Antibody | anti-PSTPIP1 antibody

PSTPIP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232003	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

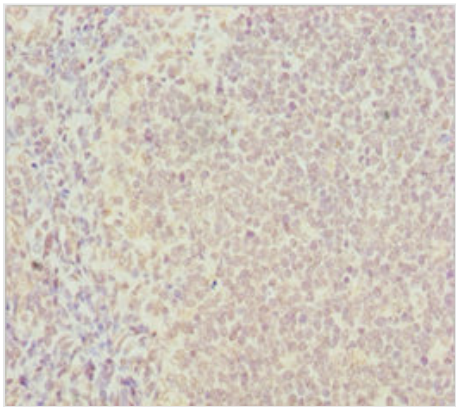
PRODUCT SYNONYMS

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

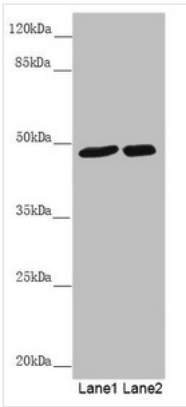
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid; PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	397
Applicable Applications for anti-PSTPIP1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Proline-serine-threonine phosphatase-interacting protein 1 protein (157-416AA)
Immunogen Species	Homo sapiens (Human)
Conjugate	Non-conjugated
Research Area	Signal Transduction
Target Names	PSTPIP1
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-104630 / sc-104631
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA232003 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: PSTPIP1 antibody at 0.85 ug/mlLane 1: Mouse brain tissueLane 2: Raw264.7 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 48,46 kDaObserved band size: 48 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PSTPIP1 antibody	Involved in regulation of the actin cytoskeleton. May regulate WAS actin-bundling activity. Bridges the interaction between ABL1 and PTPN18 leading to ABL1 dephosphorylation. May play a role as a scaffold protein between PTPN12 and WAS and allow PTPN12 to dephosphorylate WAS. Has the potential to physically couple CD2 and CD2AP to WAS. Acts downstream of CD2 and CD2AP to recruit WAS to the T-cell:APC contact site so as to promote the actin polymerization required for synapse induction during T-cell activation (By similarity). Down-regulates CD2-stimulated adhesion through the coupling of PTPN12 to CD2. Also has a role in innate immunity and the inflammatory response. Recruited to inflammasomes by MEFV. Induces formation of pyroptosomes, large supramolecular structures composed of oligomerized PYCARD dimers which form prior to inflammatory apoptosis. Binding to MEFV allows MEFV to bind to PYCARD and facilitates pyroptosome formation. Regulates endocytosis and cell migration in neutrophils.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	1006836367
NCBI GeneID	9051
NCBI Accession #	NP_001308064.1
NCBI GenBank Nucleotide #	NM_001321135.1
UniProt Accession #	O43586; O43585; O95657; B5BU74; B5BUK4
NCBI Official Full Name	proline-serine-threonine phosphatase-interacting protein 1 isoform 2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/pstpip1-antibody-immunohistochemistry-western-blot-elisa/232003>