

Datasheet for ABIN2789789

anti-PSTPIP1 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	PSTPIP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Zebrafish (Danio rerio), Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSTPIP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	HIQLALTLRE ELRSLEEFRE RQKEQRKKYE AVMDRVQKSK LSLYKKAMES
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 79%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against PSTPIP1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PSTPIP1
Alternative Name:	PSTPIP1 (PSTPIP1 Products)
Background:	The protein encoded by this gene binds to the cytoplasmic tail of CD2, an effector of T cell

Target Details

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.

Alias Symbols: CD2BP1, CD2BP1L, CD2BP1S, H-PIP, PAPAS, PSTPIP

Protein Interaction Partner: RTP5, TRAF3IP3, FBXL18, SH2D4A, PCDHB14, UBE2W, FAM90A1, PRPF31, LSM4, BUB3, ZNF175, TULP3, SPG7, SDCBP, MVP, WASL, DNM2, MED28, SHBG, KHDRBS1, WAS, TUBB, WIPF1, HSPA1A, CARS, ACTB, PTPN18, WASF2, WASF1, CD2AP, PTPN12, MEFV, ABL1, CD2, FASLG, BZW2, RPL36,

Protein Size: 416

Molecular Weight:	47 kDa
Gene ID:	9051
NCBI Accession:	NM_003978 , NP_003969
UniProt:	O43586

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 416 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

