

Datasheet for ABIN948352
anti-SHP1 antibody (AA 1-595)



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1 Image

Overview

Quantity:	50 µg
Target:	SHP1 (PTPN6)
Binding Specificity:	AA 1-595
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This SHP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human PTPN6 protein.
Immunogen:	PTPN6 (NP_002822.2, 1 a.a. ~ 595 a.a) full-length human protein.
Sequence:	MVRWFHRDLS GLDAETLLKG RGVHGSFLAR PSRKNQGDFS LSVRVGDQVT HIRIQNSGDF YDLYGGEKFA TLTELVEYYT QQQGVQLQDRD GTIIHLKYPL NCSDPTSERW YHGHMSGGQA ETLLQAKGEP WTFLVRESLS QPGDFVLSVL SDQPKAGPGS PLRVTHIKVM CEGGRYTVGG LETFDSLTDL VEHFKKTGIE EASGAFVYLR QPYATRVNA ADIENRVLEL NKKQES EDTA KAGFWE EFES LQKQEVKNLH QRLEGQRPEN KGKNRYKNIL PFDHSRVILQ GRDSNIPGSD YINANYIKNQ LLGPDENAKT YIASQGCLEA TVNDFWQMAW QENSRVIVMT TREVEKGRNK CVPYWPEVGM QRAYGPYSVT NCGEHD TTEY KLRTLQVSPL DNGDLIREIW HYQYLSWPDH GVPSEPGGVL SFLDQINQRQ ESLPHAGPII VHCSAGIGRT GTIIVIDMLM ENISTKGLDC DIDIQKTIQM VRAQRSGMVQ TEAQYKFIYV AIAQFIETTK KKLEVLQSQK GQESEYGNIT YPPAMKNAHA KASRTSSKHK EDVYENLHTK NKREEKVKKQ RSADKEKSKG SLKRK

Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

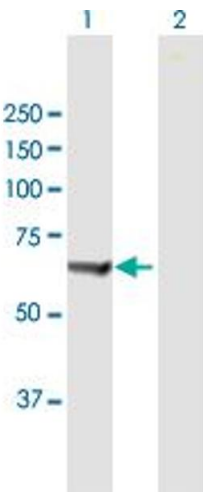
Target:	SHP1 (PTPN6)
Alternative Name:	PTPN6 (PTPN6 Products)
Background:	Full Gene Name: protein tyrosine phosphatase, non-receptor type 6 Synonyms: HCP,HCPH,HPTP1C,PTP-1C,SH-PTP1,SHP-1,SHP-1L,SHP1
Gene ID:	5777
NCBI Accession:	NM_002831
Pathways:	JAK-STAT Signaling , TCR Signaling , TLR Signaling , Nuclear Receptor Transcription Pathway , Positive Regulation of Peptide Hormone Secretion , Steroid Hormone Mediated Signaling Pathway , Response to Growth Hormone Stimulus , Regulation of Leukocyte Mediated Immunity , CXCR4-mediated Signaling Events , Signaling Events mediated by VEGFR1 and VEGFR2 , BCR Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



Western Blotting

Image 1. Western Blot analysis of PTPN6 expression in transfected 293T cell line by PTPN6 MaxPab polyclonal antibody.

Lane 1: PTPN6 transfected lysate(65.45 KDa).

Lane 2: Non-transfected lysate.