

Datasheet for ABIN7174117

anti-SHP1 antibody (AA 1-597) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SHP1 (PTPN6)
Binding Specificity:	AA 1-597
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHP1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Tyrosine-protein phosphatase non-receptor type 6 protein (1-597AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SHP1 (PTPN6)
Alternative Name:	PTPN6 (PTPN6 Products)
Background:	Background: Modulates signaling by tyrosine phosphorylated cell surface receptors such as KIT and the EGF receptor/EGFR. The SH2 regions may interact with other cellular components to

Target Details

modulate its own phosphatase activity against interacting substrates. Together with MTUS1, induces UBE2V2 expression upon angiotensin II stimulation. Plays a key role in hematopoiesis. Aliases: 70Z-SHP antibody, EC 3.1.3.48 antibody, HCP antibody, HCPH antibody, Hematopoietic cell phosphatase antibody, Hematopoietic cell protein tyrosine phosphatase antibody, Hematopoietic cell protein-tyrosine phosphatase antibody, HPTP1C antibody, Protein tyrosine phosphatase 1C antibody, Protein tyrosine phosphatase non receptor type 6 antibody, Protein tyrosine phosphatase SHP1 antibody, Protein-tyrosine phosphatase 1C antibody, protein-tyrosine phosphatase SHP 1 antibody, Protein-tyrosine phosphatase SHP-1 antibody, PTN6_HUMAN antibody, PTP 1C antibody, PTP-1C antibody, PTP1C antibody, Ptpn6 antibody, SH PTP 1 antibody, SH PTP1 antibody, SH-PTP1 antibody, SHP 1 antibody, SHP 1L antibody, SHP1 antibody, SHP1L antibody, tyrosine protein phosphatase non receptor type 6 antibody, Tyrosine-protein phosphatase non-receptor type 6 antibody

UniProt:	P29350
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

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.