

Datasheet for ABIN602283
anti-SHP1 antibody (pTyr536)



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Overview

Quantity:	50 µg
Target:	SHP1 (PTPN6)
Binding Specificity:	pTyr536
Reactivity:	Human, Mouse, Rat, Dog, Monkey, Cow, Horse, Rabbit, Pig, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHP1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic phosphopeptide corresponding to human SHP-1 around the phosphorylation site of tyrosine 536 (S-E-YP-G-N).
	Type of Immunogen: Synthetic phospho-peptide
Isotype:	IgG
Specificity:	Recognizes human SHP 1, phosphorylated at (Tyr536). Species cross-Reactivity: mouse, rat.
Purification:	Immunoaffinity purified

Target Details

Target:	SHP1 (PTPN6)
Alternative Name:	PTPN6 / SHP-1 (PTPN6 Products)

Target Details

Background:	Name/Gene ID: PTPN6
	Subfamily: NT2
	Family: Protein Phosphatase
	Synonyms: PTPN6, HCP, HPTP1C, Hematopoietic cell phosphatase, PTP-1C, SH-PTP1, SHP-1L, SHP-1, Shptp1, HCPH, PTP1C, SHP1
Gene ID:	5777
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:	Approved: IHC (1:50 - 1:100)
	Usage: Suitable for use in Immunohistochemistry:1:50-1:100.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02 % sodium azide, 50 % glycerol
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:	Aliquot to Avoid repeated freezing and thawing.
Storage:	4 °C,-20 °C

Handling

Storage Comment: May be stored at 4°C for short-term only. Aliquot to avoid freeze-thaw cycles. Store at -20°C.
Aliquots are stable for at least 1 year.