Datasheet for ABIN363036

anti-SHP1 antibody (AA 534-538)

Go to Product page

Overview

Quantity:	100 µL
Target:	SHP1 (PTPN6)
Binding Specificity:	AA 534-538
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Peptide sequence around AA 534-538 (S-E-Y-G-N) derived from Human SHP-1. Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates.
Isotype:	IgG
Specificity:	The antibody detects endogenous level of total SHP-1 protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography usingepitope-specific immunogen.

Target Details

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

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Target Details

Background:	Acts downstream of various receptor and cytoplasmic protein tyrosine kinases to participate in the signal transduction from the cell surface to the nucleus.
Molecular Weight:	68 kDa
NCBI Accession:	NP_002822
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:	Western blotting: 1:500-1:1000 Immunohistochemistry: 1:50-1:100 Immunofluorescence: 1:100-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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.
Storage:	4 °C/-20 °C
Storage Comment:	Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.

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