

SHP-1 (phospho-Tyr564) rabbit pAb

Catalog No: #13525



Package Size: #13525-1 50ul #13525-2 100ul

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Description

Product Name	SHP-1 (phospho-Tyr564) rabbit pAb
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	WB
Species Reactivity	Human,Mouse
Specificity	This antibody detects endogenous levels of Human Mouse SHP-1 (phospho-Tyr564)
Immunogen Description	Synthesized phospho peptide around human SHP-1 (Tyr564)
Other Names	Tyrosine-protein phosphatase non-receptor type 6 (EC 3.1.3.48) (Hematopoietic cell protein-tyrosine phosphatase) (Protein-tyrosine phosphatase 1C) (PTP-1C) (Protein-tyrosine phosphatase SHP-1) (SH-PTP1)
Accession No.	Swiss Prot:P29350GenelD:5777
Uniprot	P29350
GeneID	5777
SDS-PAGE MW	65
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

WB 1:1000-2000

Background

protein tyrosine phosphatase, non-receptor type 6(PTPN6) Homo sapiens The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. N-terminal part of this PTP contains two tandem Src homolog (SH2) domains, which act as protein phospho-tyrosine binding domains, and mediate the interaction of this PTP with its substrates. This PTP is expressed primarily in hematopoietic cells, and functions as an important regulator of multiple signaling pathways in hematopoietic cells. This PTP has been shown to interact with, and dephosphorylate a wide spectrum of phospho-proteins involved in hematopoietic cell signaling. Multiple alternatively spliced variants of this gene, which encode distinct isoforms, have been reported. [provided by RefSeq, Jul

Note: This product is for in vitro research use only