

SHP-1 (phospho-Tyr564) rabbit pAb

Catalog_no :	AP1492
Applications :	WB
Reactivity :	Human,Mouse
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	PTPN6 HCP PTP1C
Protein_name :	SHP-1 (Tyr564)
Humangene_id :	5777
Humanswissprot_no :	P29350
Mousegene_id :	15170
Mouseswissprot_no :	P29351
Ratgene_id :	116689
Ratswissprot_no :	P81718
Immunogen :	Synthesized phosho peptide around human SHP-1 (Tyr564)
Specificity :	This antibody detects endogenous levels of Human Mouse SHP-1 (phospho-Tyr564)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability :	-20°C/1 year
Other_name :	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)

Molecular Weight : 65KD

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
