SHP-2 (phospho-Tyr542) rabbit pAb

Catalog_no：	AP1493
Applications：	WB
Reactivity：	Human,Mouse,Rat
Category：	抗原抗体
Size：	100μg/50μg/20μg
Gene_name：	PTPN11 PTP2C SHPTP2
Protein_name：	SHP-2 (Tyr542)
Humangene_id：	5781
Humanswissprot_no：	Q06124
Mousegene_id：	19247
Mouseswissprot_no：	P35235
Ratgene_id：	25622
Ratswissprot_no：	P41499
Immunogen：	Synthesized phosho peptide around human SHP-2 (Tyr542)
Specificity：	This antibody detects endogenous levels of Human Mouse Rat SHP-2 (phospho-Tyr542)
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 11 (EC 3.1.3.48) (Protein-tyrosine phosphatase 1D) (PTP-1D) (Protein-tyrosine phosphatase 2C) (PTP-2C) (SH-PTP2) (SHP-2) (Shp2) (SH-PTP3)

Molecular Weight：	72KD
Background：	protein tyrosine phosphatase, non-receptor type 11(PTPN11) 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. This PTP contains two tandem Src homology-2 domains, which function as phospho-tyrosine binding domains and mediate the interaction of this PTP with its substrates. This PTP is widely expressed in most tissues and plays a regulatory role in various cell signaling events that are important for a diversity of cell functions, such as mitogenic activation, metabolic control, transcription regulation, and cell migration. Mutations in this gene are a cause of Noonan syndrome as well as acute myeloid leukemia. [provided by RefSeq, Aug 2016],