Phospho-SHP2 (Tyr542) Rabbit pAb

db3351 **Package : 20μL 50μL 100μL**

Product Name : Phospho-SHP2 (Tyr542) Rabbit pAb
Cat.No.: db3351
Synonyms : CFC; NS1; JMML; SHP2; BPTP3; PTP2C; METCDS; PTP-1D; SH-PTP2; SH-PTP3
Application : WB, ICC/IF, IP
Reactivity : Human, Mouse
Host species : Rabbit

Background	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]
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Tyr542 of human SHP2
Gene ID	5781
Swiss Prot	Q06124
Synonyms	CFC; NS1; JMML; SHP2; BPTP3; PTP2C; METCDS; PTP-1D; SH-PTP2; SH-PTP3
Reactivity	Human, Mouse
Application	WB, ICC/IF, IP
Recommended dilution	WB: 1:5000 ICC/IF: 1:50 IP: 1:20
Calculated MW	68 kDa
Observed MW	68 kDa
Host species	Rabbit
Clonality	Polyclonal
Isotype	IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.