SHP2 Rabbit pAb

db20952 **Package : 20μL 50μL 100μL**

Product Name : SHP2 Rabbit pAb
Cat.No.: db20952
Synonyms : Syp; Shp2; PTP1D; PTP2C; SAP-2; SHP-2; SH-PTP2; SH-PTP3; 2700084A17Rik
Application : WB, IP
Reactivity : Mouse, Rat
Host species : Rabbit

Background	Enables cell adhesion molecule binding activity; protein tyrosine phosphatase activity; and signaling receptor binding activity. Involved in negative regulation of chondrocyte differentiation; positive regulation of cytokine production; and positive regulation of ossification. Acts upstream of or within several processes, including cell surface receptor signaling pathway; myeloid cell differentiation; and regulation of hormone secretion. Predicted to be located in several cellular components, including mitochondrion; plasma membrane raft; and stress fiber. Predicted to be part of protein-containing complex. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system gland; and liver and biliary system. Used to study several diseases, including Noonan syndrome 1; Noonan syndrome with multiple lentigines; hepatocellular adenoma; intrinsic cardiomyopathy (multiple); and juvenile myelomonocytic leukemia. Human ortholog(s) of this gene implicated in several diseases, including Noonan syndrome (multiple); Noonan syndrome with multiple lentigines 1; atrophic gastritis; juvenile myelomonocytic leukemia; and metachondromatosis. Orthologous to human PTPN11 (protein tyrosine phosphatase non-receptor type 11). [provided by Alliance of Genome Resources, Apr 2022]
Immunogen	Recombinant protein of mouse SHP2
Gene ID	19247
Swiss Prot	P35235
Synonyms	Syp; Shp2; PTP1D; PTP2C; SAP-2; SHP-2; SH-PTP2; SH-PTP3; 2700084A17Rik
Reactivity	Mouse, Rat
Application	WB, IP
Recommended dilution	WB: 1:1000 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.