



SHP2 (DGR32063) Rabbit mAb

db11774 Package : 10μL 20μL 50μL 100μL

Product Name: SHP2 (DGR32063) Rabbit mAb

Cat.No.: db11774

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

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Reactivity Mouse, Rat

Application WB, IP

Recommended dilution WB: 1:1000

IP: 1:20-1:50

Calculated MW 68 kDa





Observed MW 68 kDa

Host species Rabbit

Clonality Monoclonal

Clonality No. DGR32063

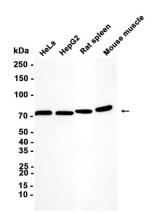
Isotype IgG

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.



Western blot analysis of extracts from HeLa, HepG2 cells and Rat spleen, Mouse muscle tissue using db11774 at 1:1000.