

AP0439

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Phospho-SHP2-Y580 Rabbit pAb

Catalog No.: AP0439

Basic Information

Observed MW

Calculated MW
68kDa

Category
Polyclonal Antibody

Applications

Cross-Reactivity
Human, Mouse, Rat

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.

Recommended Dilutions

Immunogen Information

Gene ID	Swiss Prot
5781	Q06124

Immunogen
A phospho specific peptide corresponding to residues surrounding Y580 of human PTPN11

Synonyms
CFC; NS1; JMML; SHP2; BPTP3; PTP2C; METCDS; PTP-1D; SH-PTP2; SH-PTP3; Phospho-SHP2-Y580

Contact

 | www.abclonal.com

Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

