

SHP-2(Phospho-Tyr542) Rabbit Polyclonal Antibody

Description

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| Product type | Primary Antibody |
| Code | BT-AP12655 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 100ul, 50ul, 20ul |
| Immunogen | Synthesized phosho peptide around human SHP-2 (Tyr542) |
| Mol wt | N/A |
| Species reactivity | Human, Mouse, Rat |
| Clonality | Polyclonal |
| Recommended application | WB |
| Concentration | 1 mg/ml |
| Full name | SHP-2 |
| Synonyms | SHP-2 ;Tyr542; 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 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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