

SHP-1(Phospho-Tyr564) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP12654
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phospho peptide around human SHP-1 (Tyr564)
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	SHP-1
Synonyms	SHP-1 ;Tyr564 ; Tyrosine-protein phosphatase non-receptor type 6; EC 3.1.3.48; Hematopoietic cell protein-tyrosine phosphatase; Protein-tyrosine phosphatase 1C; PTP-1C; Protein-tyrosine phosphatase SHP-1; SH-PTP1

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. N-terminal part of this PTP contains two tandem Src homolog (SH2) domains| which act as protein phospho-tyrosine binding domains| and mediate the interaction of this PTP with its substrates. This PTP is expressed primarily in hematopoietic cells| and functions as an important regulator of multiple signaling pathways in hematopoietic cells. This PTP has been shown to interact with| and dephosphorylate a wide spectrum of phospho-proteins involved in hematopoietic cell signaling. Multiple alternatively spliced variants of this gene| which encode distinct isoforms| have been reported.

Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year