

bs-5557R**[Primary Antibody]****phospho-PTPN7 (Ser246) Rabbit pAb****BioSS**
ANTIBODIES

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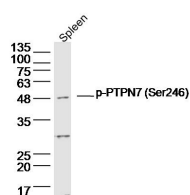
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Rat)
GeneID: 5778	SWISS: P35236	
Target: PTPN7 (Ser246)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human PTPN7 around the phosphorylation site of Ser246: CR(p-S)VK.		Predicted MW.: 40 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cytoplasm
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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 gene is preferentially expressed in a variety of hematopoietic cells, and is an early response gene in lymphokine stimulated cells. The non-catalytic N-terminus of this PTP can interact with MAP kinases and suppress the MAP kinase activities. This PTP was shown to be involved in the regulation of T cell antigen receptor (TCR) signaling, which was thought to function through dephosphorylating the molecules related to MAP kinase pathway. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq].		

— VALIDATION IMAGES —

Sample: Spleen (Mouse) Lysate at 40 ug Primary:
Anti-phospho-PTPN7 (Ser246) (bs-5557R) at
1/300 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 40 kD Observed band size: 48 kD