## bs-5557R

## [ Primary Antibody ]

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

# phospho-PTPN7 (Ser246) Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 320139 **SWISS:** Q8BUM3

Target: PTPN7 (Ser246)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from mouse

PTPN7 around the phosphorylation site of Ser246: CR(p-S)VK.

**Purification:** affinity purified by Protein A

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].

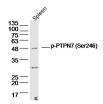
Applications: WB (1:500-2000)

Reactivity: Mouse (predicted: Rat)

Predicted 40 kDa MW.:

Subcellular Location: Cytoplasm

## 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