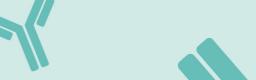
antibodies .- online.com







anti-PTPN7 antibody (pSer93)



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Quantity:	100 μL
Target:	PTPN7
Binding Specificity:	pSer93
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))
Product Details	

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human PTPN7 around the phosphorylation site of Ser93
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow
Purification:	Purified by Protein A.

Target Details

Target:	PTPN7
Alternative Name:	PTPN7 (PTPN7 Products)

Target Details

Bac	kar	ound:

Synonyms: PTPN7phospho S93, BPTP 4, BPTP4, Dual specicity phosphatase 1, Hematopoietic protein tyrosine phosphatase, LC PTP, LCPTP, LPTP, Protein tyrosine phoshatase non receptor type stress induced, Protein tyrosine phosphatase nonreceptor type stress induced, Protein tyrosine phosphatase LC PTP, Protein tyrosine phosphatase non receptor type 7, PTPN 7, PTPNI, Tyrosine protein phosphatase non receptor type 7, PTN7_HUMAN.

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].

Gene ID:

5778

Application Details

Application Notes:	WB 1:300-5000
	TURA 1:E00 100

ELISA 1:500-1000 IHC-P 1:200-400

IHC-F 1:100-500

IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months