

## PTPN7 Antibody (S44)

Catalog_no :	AB2527
Reactivity :	H
Category :	抗原抗体
Size :	100 $\mu$ L/50 $\mu$ L
Immunogen :	HUMAN:22-51
Specificity :	This PTPN7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-51 amino acids from human PTPN7.
Dilution :	WB,1:1000;IHC-P,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Tyrosine-protein phosphatase non-receptor type 7, Hematopoietic protein-tyrosine phosphatase, HEPTP, Protein-tyrosine phosphatase LC-PTP, PTPN7
Isotype :	Rabbit Ig
Background :	PTPN7 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. PTPN7 is preferentially expressed in a variety of hematopoietic cells, and is an early response gene in lymphokine stimulated cells. The noncatalytic N-terminus of this PTP can interact with MAP kinases and suppress the MAP kinase activities. This PTP has been shown to be involved in the regulation of T cell antigen receptor (TCR) signaling, which is thought to function through dephosphorylating the molecules related to MAP kinase pathway.
reference :	Eswaran,J., Biochem. J. 395 (3), 483-491 (2006) Mustelin,T., J. Mol. Biol. 354 (1), 150-163 (2005) Pettiford,S.M., Leukemia 17 (2), 366-378 (2003) Kosaki,K., J. Clin. Endocrinol. Metab. 87 (8), 3529-3533 (2002)