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Datasheet for ABIN754650
anti-PTPN7 antibody (AA 261-360) (Biotin)

Overview

Quantity:	100 µL
Target:	PTPN7
Binding Specificity:	AA 261-360
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN7 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PTPN7
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow
Purification:	Purified by Protein A.

Target Details

Target:	PTPN7
Alternative Name:	PTPN7 (PTPN7 Products)
Background:	Synonyms: HePTP, BPTP 4, BPTP4, Dual specificity phosphatase 1, Hematopoietic protein

Target Details

tyrosine phosphatase, LC PTP, LCPTP, LPTP, Protein tyrosine phosphatase 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
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months