

PTP22 rabbit pAb

Cat No.:ES5474

For research use only

Overview

Product Name	PTP22 rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
Immunogen	Synthesized peptide derived from the N-terminal
	region of human PTP22.
Specificity	PTP22 Polyclonal Antibody detects endogenous
	levels of PTP22 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and
	0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Tyrosine-protein phosphatase non-receptor type 22
Gene Name	PTPN22
Cellular localization	Cytoplasm .
Purification	The antibody was affinity-purified from rabbit
	antiserum by affinity-chromatography using
	epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	91kD
Human Gene ID	26191
Human Swiss-Prot Number	Q9Y2R2
Alternative Names	PTPN22; PTPN8; Tyrosine-protein phosphatase
	non-receptor type 22; Hematopoietic cell
	protein-tyrosine phosphatase 70Z-PEP; Lymphoid
	phosphatase; LyP; PEST-domain phosphatase; PEP
Background	This gene encodes of member of the non-receptor
	class 4 subfamily of the protein-tyrosine
	phosphatase family. The encoded protein is a
	lymphoid-specific intracellular phosphatase that
	associates with the molecular adapter protein CBL
	and may be involved in regulating CBL function in



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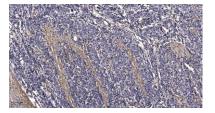
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the T-cell receptor signaling pathway. Mutations in this gene may be associated with a range of autoimmune disorders including Type 1 Diabetes, rheumatoid arthritis, systemic lupus erythematosus and Graves' disease. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Mar 2009],

Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).





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