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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTPN6 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00005777-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human PTPN6 protein.

Immunogen: PTPN6 (NP_002822.2, 1 a.a. ~ 595 a.a) full-length human protein.

Sequence:
MVRWFHRDLSGLDAETLLKGRGVHGSFLARPSRKNQGDFSLSVRVGD
QVTHIRIQNSGDFYDLYGGEKFATLTELVEYTTQQQGVLQDRDGTIIHLK
YPLNCSDPYTSERWYHGHMSGGQAETLLQAKGEPWTFVRESLSQPGD
FVLSVLSQPKAGPGSPLRVTHIKVMCEGGRYTVGGLETFDSLTDLVEH
FKKTGIEEASGAFVYLRQPYATRVNAADIENRVLELNKKQESED TAKAG
FWEFEESLQKQEVKNLHQRLEGQRPENKGNRYKNILPFDHSRVILQGR
DSNIPGSDYINANYIKNQLLGPDENAKTYIASQGCLEATVNDFWQMAWQE
NSRVIVMTTREVVEKGRNKCVPYWPEVGMQRAYGPYSVTNCGEHD TTEY
KLRTLQVSPLDNGDLIREIWHYQYLSWPDHGVPEPGGVL SFLDQINQR
QESLPHAGPIIVHCSAGIGRTGTIIVDMLMENISTKGLDCDIDIQKTIQM VRA
QRSGMVQTEAQYKFIYVAIAQFIETTKKKLEVLQSQKGQESEYGNITYPP
AMKNAHAKASRTSSKHKEDVYENLHTKNKREEKVKKQRSADKEKSKGSL
KRK

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

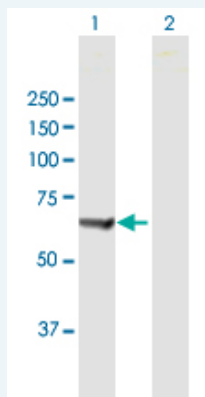
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

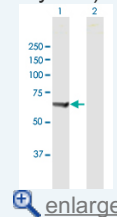
Western Blot (Transfected lysate)




Western Blot analysis of PTPN6 expression in transfected 293T cell line ([H00005777-T01](#)) by PTPN6 MaxPab polyclonal antibody.

Application Image

Western Blot (Transfected lysate)



Lane 1: PTPN6 transfected lysate(65.45 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5777](#)

GeneBank [NM_002831](#)

Accession#:

Protein [NP_002822.2](#)

Accession#:

Gene Name: PTPN6

Gene Alias: HCP,HCPH,HPTP1C,PTP-1C,SH-PTP1,SHP-1,SHP-1L,SHP1

Gene Description: protein tyrosine phosphatase, non-receptor type 6

Omim ID: [176883](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. N-terminal part of this PTP contains two tandem Src homolog (SH2) domains, which act as protein phospho-tyrosine binding domains, and mediate the interaction of this PTP with its substrates. This PTP is expressed primarily in hematopoietic cells, and functions as an important regulator of multiple signaling pathways in hematopoietic cells. This PTP has been shown to interact with, and dephosphorylate a wide spectrum of phospho-proteins involved in hematopoietic cell signaling. Multiple alternatively spliced variants of this gene, which encode distinct isoforms, have been reported. [provided by RefSeq]

Other Designations: hematopoietic cell phosphatase,hematopoietic cell protein-tyrosine phosphatase,protein-tyrosine phosphatase 1C

Gene Pathway

[Adherens junction](#) [B cell receptor signaling pathway](#) [Jak-STAT signaling pathway](#)
[Natural killer cell mediated cytotoxicity](#) [T cell receptor signaling pathway](#)

Related Disease

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