



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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**PTPN6 purified MaxPab rabbit polyclonal antibody (D01P)** MaxPab®

Catalog # : H00005777-D01P

規格 : [ 100 ug ]

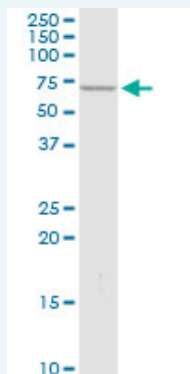
[List All](#)

**Specification**

<b>Product Description:</b>	Rabbit polyclonal antibody raised against a full-length human PTPN6 protein.
<b>Immunogen:</b>	PTPN6 (NP_002822.2, 1 a.a. ~ 595 a.a) full-length human protein.
<b>Sequence:</b>	MVRWFHRDLSGLDAETLLKGRGVHGSFLARPSRKNQGDFSLSVRVGD QVTHIRIQNSGDFYDLYGGEKFATLTELVEYTTQQQVQLQDRDGTIIHLK YPLNCSDPYTSERWYHGHMSGGQAETLLQAKGEPWTFVRESLSQPGD FVLSVLSQPKAGPGSPLRVTHIKVMCEGGRYTVGGLETFDSLTDLVEH FKKTGIEEASGAFVYLRQPYATRVNAADIENRVLELNKKQESDQAKAG FWEFEESLQKQEVKNLHQRLEGQRPENKGNRYKNILPFDHSRVILQGR DSNIPGSDYINANYIKNQLLGPDENAKTYIASQGCLEATVNDFWQMAWQE NSRVIVMTTREVVEKGRNKCVPYWPVEVGMQRAYGPYSVTNCGEHDTEY KLRTLQVSPDLNGLIREIWHYQYLSWPDHGVPEPGGVLSFLDQINQR QESLPHAGPIIVHCSAGIGRTGTIIVDMLMENISTKGLDCDIDIQKTIQMVRA QRSGMVQTEAQYKFIYVAIAQFIETTKKKLEVLQSQKQSESEYGNITYPP AMKNAHAKASRTSSKHKEDVYENLHTKNKREEKVKKQRSADKEKSKGSL KRK
<b>Host:</b>	Rabbit
<b>Reactivity:</b>	Human, Mouse
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	In 1x PBS, pH 7.4
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>MSDS:</b>	<a href="#">Download</a>
<b>Datasheet:</b>	<a href="#">Download</a>

**Applications**

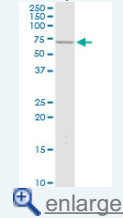
**Western Blot (Tissue lysate)**



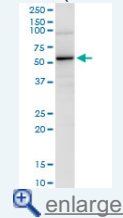
PTPN6 MaxPab rabbit polyclonal antibody. Western Blot analysis of PTPN6 expression in human pancreas.

**Application Image**

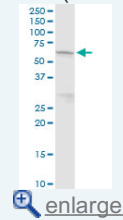
Western Blot (Tissue lysate)



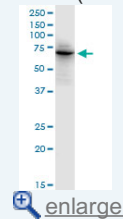
Western Blot (Tissue lysate)



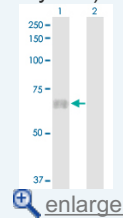
Western Blot (Tissue lysate)



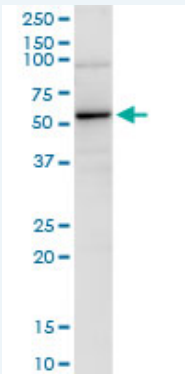
Western Blot (Cell lysate)



Western Blot (Transfected lysate)

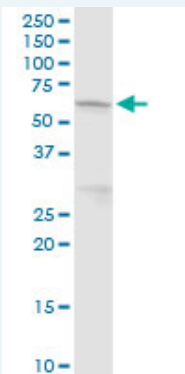


**Western Blot (Tissue lysate)**



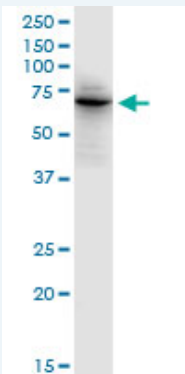
PTPN6 MaxPab rabbit polyclonal antibody. Western Blot analysis of PTPN6 expression in mouse lung.

**Western Blot (Tissue lysate)**



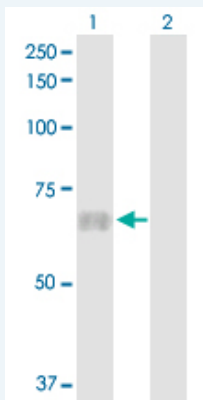
PTPN6 MaxPab rabbit polyclonal antibody. Western Blot analysis of PTPN6 expression in mouse spleen.

**Western Blot (Cell lysate)**




PTPN6 MaxPab rabbit polyclonal antibody. Western Blot analysis of PTPN6 expression in HeLa.

**Western Blot (Transfected lysate)**



Western Blot analysis of PTPN6 expression in transfected 293T cell line ([H00005777-T02](#)) by PTPN6 MaxPab polyclonal antibody.

Lane 1: PTPN6 transfected lysate(67.60 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** protein tyrosine phosphatase, non-receptor type 6

**Description:**

**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** hematopoietic cell phosphatase, hematopoietic cell protein-tyrosine

**Designations:** 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

[Alzheimer Disease](#) [Alzheimer disease](#) [Cerebral Amyloid Angiopathy](#)

[Genetic Predisposition to Disease](#) [Lupus Erythematosus](#) [Systemic Neuroblastoma](#)

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