



# 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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**PTPN11 purified MaxPab rabbit polyclonal antibody (D01P)** MaxPab®

Catalog # : H00005781-D01P

規格 : [ 100 ug ]

[List All](#)

**Specification**

**Product Description:** Rabbit polyclonal antibody raised against a full-length human PTPN11 protein.

**Immunogen:** PTPN11 (AAH08692.1, 1 a.a. ~ 460 a.a) full-length human protein.

**Sequence:**  
 MTSRRWFHPNITGVEAENLLLTRGVDGSFLARPSKSNPGDFTLSVRRN  
 GAVTHIKIQTGDYYDLYGGEKFATLAELVQYYMEHHGQLKEKNGDVIEL  
 KYPLNCADPTSERWFHGLSGKEAEKLLTEKGKHSFLVRESQSHPGD  
 FVLSVRTGDDKGESNDGKSKVTHVMIRCQELKYDVGGERFDSLTDLV  
 EHYKKNPMVETLGTVLQLKQPLNTRINAAEIESRVRELSKLAETT DKVK  
 QGFWEFETLQQQECKLLYSRKEGQRQENKNKNRYKNILPFDHTRVVL  
 HDGDPNEPVS DYINANIIMPEFETKCNSKPKKSYIATQGCLQNTVNDFW  
 RMVFQENSRVVMTTKEVERGKSKCVKYWPDEYALKEYGVMRVRNVKE  
 SAAHDYTLRELKLSKVGQGN TERTVWQYHFRTWPDHGVPSDPGGVLD  
 FLEEVHHKQESIMDAGPVVHCR

**Host:** Rabbit

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

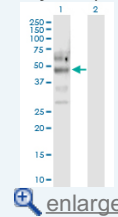
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

**Datasheet:**  [Download](#)

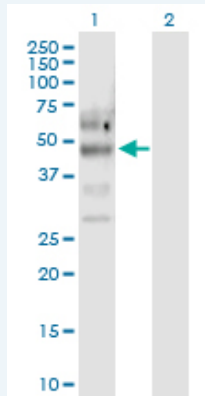
**Application Image**

Western Blot (Transfected lysate)



**Applications**

Western Blot (Transfected lysate)



Western Blot analysis of PTPN11 expression in transfected 293T cell line (H00005781-T03) by PTPN11 MaxPab polyclonal antibody.

Lane 1: PTPN11 transfected lysate(52.80 KDa).  
 Lane 2: Non-transfected lysate.

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## Gene Information

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**Entrez GeneID:** [5781](#)

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**GeneBank Accession#:** [BC008692](#)

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**Protein Accession#:** [AAH08692.1](#)

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**Gene Name:** PTPN11

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**Gene Alias:** BPTP3,CFC,MGC14433,NS1,PTP-1D,PTP2C,SH-PTP2,SH-PTP3,SHP2

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**Gene Description:** protein tyrosine phosphatase, non-receptor type 11

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**Omim ID:** [151100](#), [163950](#), [176876](#), [607785](#)

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**Gene Ontology:** [Hyperlink](#)

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**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. This PTP contains two tandem Src homology-2 domains, which function as phospho-tyrosine binding domains and mediate the interaction of this PTP with its substrates. This PTP is widely expressed in most tissues and plays a regulatory role in various cell signaling events that are important for a diversity of cell functions, such as mitogenic activation, metabolic control, transcription regulation, and cell migration. Mutations in this gene are a cause of Noonan syndrome as well as acute myeloid leukemia. [provided by RefSeq]

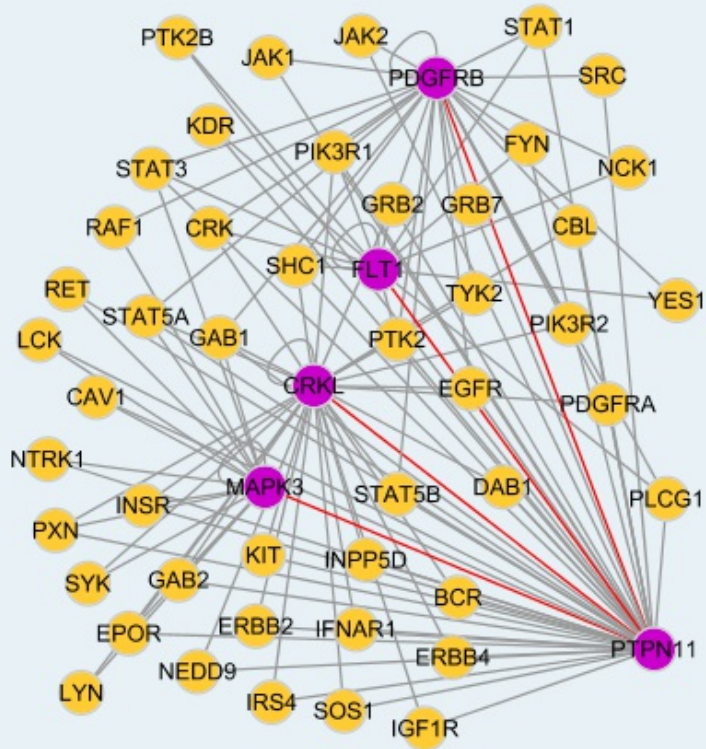
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**Other Designations:** protein tyrosine phosphatase-2,protein-tyrosine phosphatase 2C

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## Interactome

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### Gene Pathway

[Adipocytokine signaling pathway](#)
[Chronic myeloid leukemia](#)  
[Epithelial cell signaling in Helicobacter pylori infection](#)
[Jak-STAT signaling pathway](#)  
[Leukocyte transendothelial migration](#)
[Natural killer cell mediated cytotoxicity](#)  
[Neurotrophin signaling pathway](#)
[Renal cell carcinoma](#)

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[Adenocarcinoma](#)
[Arrhythmias, Cardiac](#)  
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[Atrophy](#)
[Cardiovascular Diseases](#)
[Celiac Disease](#)
[Cleft Lip](#)  
[Cleft Palate](#)
[Cognition](#)
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[Colitis, Ulcerative](#)
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