



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## PTPRN MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00005798-B01

規格 : [ 50 uL ]

[List All](#)

### Specification

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

**Immunogen:** PTPRN (AAH07713, 1 a.a. ~ 591 a.a) full-length human protein.

**Sequence:**  
 MEGPVEGRDTEALPARTSPMPGHPTASPTSSEVQQVPSVPSSEPPKAA  
 RPPVTPVLLLEKKSPLGQSQPTVAGQPSARPAEEYGYIVTDQKPLSLAA  
 GVKLLEILAEHVMSSGSFINISVGPALTFRIRHNEQNLADVTQQAGL  
 VKSELAQTGLQILQTGVGQREEAAVLPQTAHSTSPMRSVLLTLVALA  
 GVAGLLVALAVALCVRQHARQQDKERLAALGPEGAHGDTTFEYQDLCR  
 QHMATKSLFNRAEGPPEPSRVSSVSSQFSDAAQASPSSHSSTPSWCEE  
 PAQANMDISTGHMILAYMEDHLRNRDLAKEWQALCAYQAEPTCATAQ  
 GEGNIKKNRHPDFLPYDHARIKLVESPSRSDYINASPIIEHDPRMPAYIAT  
 QGPLSHTIADFWQMVWESGCTVIVMLTPLVEDGVKQCDRYWPDEGASL  
 YHMYEVNLVSEHIWCEDFLVRSFYLNKVNQTQETRLLTQFHFLSWPAEGT  
 PASTRPLLDFFRRKVNKCYRGRSCPIVHCSDGAGRTGTYLIDMVLNRMA  
 KGVKEIDIAATLEHVRDQRPGLVRSKDQFEFALTAVAEVNAIKALPQ

**Host:** Mouse

**Reactivity:** Human

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

**Storage Buffer:** No additive

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

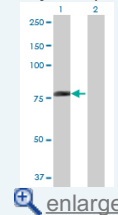
**Note:** For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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

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

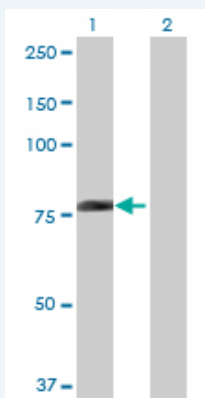
### Application Image

Western Blot (Transfected lysate)



### Applications

Western Blot (Transfected lysate)



Western Blot analysis of PTPRN expression in transfected 293T cell line (H00005798-T01) by PTPRN MaxPab polyclonal antibody.

Lane 1: PTPRN transfected lysate(65.01 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

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### Gene Information

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**Entrez GeneID:** [5798](#)

**GeneBank  
Accession#:** [BC007713](#)

**Protein  
Accession#:** [AAH07713](#)

**Gene Name:** PTPRN

**Gene Alias:** FLJ16131,IA-2,IA-2/PTP,IA2,ICA512,R-PTP-N

**Gene  
Description:** protein tyrosine phosphatase, receptor type, N

**Omim ID:** [601773](#)

**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. This PTP possesses an extracellular region, a single transmembrane region, and a single catalytic domain, and thus represents a receptor-type PTP. This PTP was found to be an autoantigen that is reactive with insulin-dependent diabetes mellitus (IDDM) patient sera, and thus may be a potential target of autoimmunity in diabetes mellitus. [provided by RefSeq]

**Other  
Designations:** islet cell antigen 2,islet cell antigen 512,islet cell autoantigen 3,protein tyrosine phosphatase-like N

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### Gene Pathway

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[Type I diabetes mellitus](#)

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### Related Disease

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[Diabetes Mellitus, Type 1](#)