



# 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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**PTPRJ purified MaxPab mouse polyclonal antibody (B01P)** MaxPab®

Catalog # : H00005795-B01P

規格 : [ 50 ug ]

[List All](#)

**Specification**

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

**Immunogen:** PTPRJ (AAI60125.1, 1 a.a. ~ 1337 a.a) full-length human protein.

**Sequence:**  
 MKPAAREARLPPRSPGLRWALPLLLLLRLGQILCAGGTPSPIPDPSVAT  
 VATGENGITQISSTAESFHKQNGTGTPQVETNTSEDGESSGANDSLRTP  
 EQGSNGTDGASQKTPSSTGSPVFDIKAVSISPTNVILTWKSNDTAASEY  
 KYVVKHKMENEKTIIVHQPCNITGLRPATSYVF SITPGIGNETWGDPR  
 VIKVITEPIPVSDLRVALTGVRKAALSWSNGNGTASCRVLLSIGSHEELT  
 QDSRLQVNISGLKPGVQYNINPYLLQSNKTKGDPLGTEGGLDASNTERS  
 RAGSPTAPVHDES LVGPVDPSSGQQRDTEVLLVGLPEGTRYNATVYS  
 QAANGTEGQPQAEFR TNAIQVFDVTAVNISATSLTLIWKVSDNESSNYT  
 YKIHVAGETDSSNLNVSEPRVIPGLRSSTFYNITVCPVLGDIEGTPGFLQ  
 VHTPPVPVSDFRVTVSTTEIGLAWSSHDAESFQMHITQEGAGNSRVEIT  
 TNQSIIGGLFPGTKYCFEIVPKGPNNGTEGASRTVCNRTVPSAVFDIHVVY  
 VTTTEMWLDWKSPDGASEYVYHLVIESKHGSNHTSTYDKAITLQGLIPGT  
 LYNTISPEVDHVVWDPNSTAQYTRPSNVSNIDVSTNTAATLSWQNFDD  
 ASPTYSYCLLIEKAGNSSNATQVVTDIGITDATVTELIPGSSYTVEIFAQVG  
 DGIKSLEPGRKSFCTDPASMASFDCEVVPKEPALVLKWT CPPGANAGFE  
 LEVSSGAWNNATHLESCSSENGTEYRTEVTYLNFTSYNISITTVSCGKM  
 AAPTRNTCTTGITDPPPPDGSPNITSVSHNSVKVKFSGFEASHGPIKAYAV  
 ILTTGEAGHPSADVLKYTYEDFKKGASDTYVTYLIRTEEKGRSQSLSEVL  
 KYEIDVGNESSTLGYNGKLEPLGSYRACVAGFTNITFHPQNKGLIDGAE  
 SYVSFSRYSDAVSLPQDPGVICGAVFGCIFGALVIMTVGGFIFWRKKRKD  
 AKNNEVSFSQIKPKKSKLIRVENFEAYFKKQQADSNCGFAEEYEDLKL VGI  
 SQPKYAAELAENRGKNRYNNVLPYDISRVKLSVQTHSTDDYINANYMPGY  
 HSKKDFIATQGPLPNTL KDFWRMVWEKNVYAIIMLT KCVEQGRTKCEEY  
 WPSKQAQDYGDITVAMTSEIVLPEWTIRDFTVKNIQTSESHPLRQFHFTS  
 WPDHGVPTD DLLINFRYLVRDYMKQSPPEPILVHCSAGVGRTGTFIAI  
 DRLIYQIENENTVDVYGIVYDLRMHRPLMVQTEDQYVFLNQCVLDIRSQ  
 KDSKVDLIYQNTTAMTIYENLAPVTTFGKTNGYIA


**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.

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

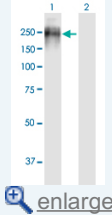
**Publication Reference**

1. [Type 2 Diabetes Biomarkers and Uses Thereof.](#)  
 Paramithiotis E, Prentki M, Rabasa-Ihoret R, Croteau P, Lanoix J, Madiraju MSR, Joly E. United States Patent Application. 2015 Nov. 20150330997A1

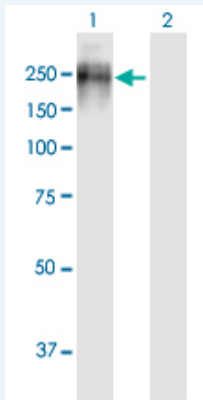
**Applications**

**Application Image**

Western Blot (Transfected lysate)



## Western Blot (Transfected lysate)



Western Blot analysis of PTPRJ expression in transfected 293T cell line ([H00005795-T01](#)) by PTPRJ MaxPab polyclonal antibody.

Lane 1: PTPRJ transfected lysate(147.1 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

## Gene Information

**Entrez GeneID:** [5795](#)

**GeneBank** [BC160125.1](#)

**Accession#:**

**Protein** [AAI60125.1](#)

**Accession#:**

**Gene Name:** PTPRJ

**Gene Alias:** CD148,DEP1,HPTPeta,R-PTP-ETA,SCC1

**Gene** protein tyrosine phosphatase, receptor type, J

**Description:**

**Omim ID:** [114500](#), [600925](#)

**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 containing five fibronectin type III repeats, a single transmembrane region, and a single intracytoplasmic catalytic domain, and thus represents a receptor-type PTP. This protein is present in all hematopoietic lineages, and was shown to negatively regulate T cell receptor signaling possibly through interfering with the phosphorylation of Phospholipase C Gamma 1 and Linker for Activation of T Cells. This protein can also dephosphorylate the PDGF beta receptor, and may be involved in UV-induced signal transduction. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations:** CD148 antigen,human density enhanced phosphatase-1,protein tyrosine phosphatase, receptor type, J polypeptide,receptor-type tyrosine-protein phosphatase eta,susceptibility to colon cancer 1, mouse, homolog of

## Gene Pathway

[Adherens junction](#)

## **Related Disease**

[Adenoma](#) [Breast cancer](#) [Breast Neoplasms](#) [Carcinoma](#) [Cell Transformation, Neoplastic](#)  
[Colon cancer](#) [Colonic Neoplasms](#) [Colorectal Neoplasms](#) [Esophageal Neoplasms](#)  
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[Tobacco Use Disorder](#)

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