



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

www.szabo-scandic.com

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

PTPRN purified MaxPab mouse polyclonal antibody (B02P) MaxPab®

Catalog # : H00005798-B02P

規格 : [50 ug]

[List All](#)

Specification

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

Immunogen: PTPRN (AAH70053.1, 1 a.a. ~ 950 a.a) full-length human protein.

Sequence:
MRRPRRPGGLGGSGGLRLLLCLLLLSSRPGGCSAVSAHGCLFDRRLC
SHLEVCIQDGLFGQCQVGVGQARPLLQVTSPLQRLQGVLRLMSQG
LSWHDDLTYVISQEMERIPRLRPPEPRPRDRSGLAPKRPGPAGELLQ
DIPTGSAPAAQHRLPQPPVKGKGGAGASSLSPLQAELLPLLEHLLPPQ
PPHPSLSYEPALLQPYLFHQFGSRDGSRVSEGSPGMVSVGPLPKAEAP
ALFSRTASKGIFGDHPGHSYGDLPGPSPAQLFQDSGLLYLAQELPAPSR
ARVPRLPEQGSSSRAEDSPEGYEKEGLGDRGEKPASPAVQPDAAALQRL
AAVLAGYGVELRQLTPEQLSTLLTLLQLLPKGAGRNPGGVNVGADIKK
TMEGPVEGRDTELAPARTSPMPGHPTASPTSSEVQQVPSVVSSEPPKA
ARPPVTPVLLLEKKSPLGQSQPTVAGQPSARPAEEYGYIVTDQNMVGP
LTFRIRHNEQNLADVTQQAGLVKSELEAQTGLQILQTVGVQREAAAA
VLPQTAHSTSPMRSVLLTLVALAGVAGLLVALAVLCVRQHARQQDKER
LAALGPEGAHGDTTFEYQDLCRQHMAKSLFNRAEGPPEPSRVSSVSS
QFSDAAQASPSHSSSTPSWCEEPAQANMDISTGHMILAYMEDHLRNRDR
LAKEWQALCAYQAEPNTCATAQGEKNIKNRHPDFLPYDHARIKLVKVESS
PSRSDYINASPIIHDPRMPAYIATQGPLSHTIADFQMWVWESGCTVIVML
TPLVEDGVKQCDRYWPDEGASLYHVYEVNLVSEHIWCEDFLVRSFYLN
VQQTQETRTLQFHFLSWPAEGTPASTRPLLDFFRRKVNKCYRGRSCPIV
HCSDGAGRTGTYLIDMVLNRMAGVKEIDIAATLEHVRDQRPGLVRSKD
QFEFALTAVAEVNAIKALPQ

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](#)

Publication Reference

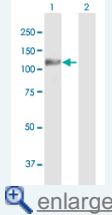
1. Type 2 Diabetes Biomarkers and Uses Thereof.
Paramithotis E, Prentki M, Rabasa-Ihoret R, Croteau P, Lanoix J, Madiraju MSR, Joly E. United States Patent Application. 2015 Nov. 20150330997A1

Applications

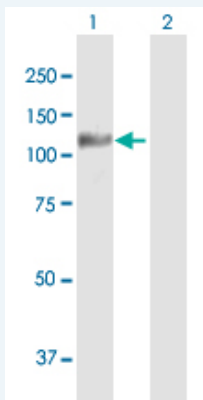
Western Blot (Transfected lysate)

Application Image

Western Blot (Transfected lysate)




[enlarge](#)



Western Blot analysis of PTPRN expression in transfected 293T cell line ([H00005798-T02](#)) by PTPRN MaxPab polyclonal antibody.

Lane 1: PTPRN transfected lysate(104.5 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5798](#)

GeneBank Accession#: [BC070053](#)

Protein Accession#: [AAH70053.1](#)

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

Gene Pathway

[Type I diabetes mellitus](#)

Related Disease

[Diabetes Mellitus, Type 1](#)

