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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) 

PTPN7 MaxPab mouse polyclonal antibody (B02) MaxPab®

Catalog # : H00005778-B02

規格 : [50 uL]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human PTPN7 protein.

Immunogen: PTPN7 (NP_002823.2, 1 a.a. ~ 360 a.a) full-length human protein.

Sequence:
 MVQAHGGRSRAQPLTSLGAAMTQPPEKTPAKKHVRLQERRGSNVAL
 MLDVRSLLGAVEPICSVNTPREVTLHFLRTAGHPLTRWALQRQPPSPKQL
 EEEFLKIPSNFVSPEDLDIPGHASKDRYKTIILPNQSRVCLGRAQSQEDG
 DYINANYIRGYDGKEKYYIATQGGMPNTVSDFWEMWWQEEVSLIVMLTQL
 REGKEKCVHYWPTEEETYGPFQIRIQDMKECPEYTVRQLTIQYQEERRS
 VKHILFSAWPDHQTPEAGPLLRVAEVEESPETAHPGPMVHCSAGIG
 RTGCFIATRIGCQQLKARGEVDILGVCQLRLDRGGMIQTAEQYQFLHHT
 LALYAGQLPEEPS

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.

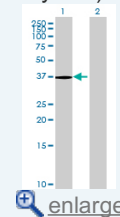
Note: For IHC and IF applications, antibody purification with Protein A will be needed prior to use.


MSDS:  [Download](#)

Datasheet:  [Download](#)

Application Image

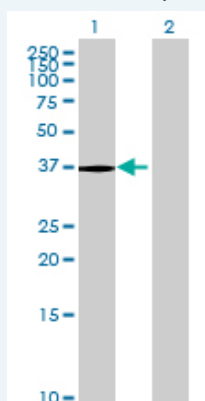
Western Blot (Transfected lysate)



 enlarge

Applications

Western Blot (Transfected lysate)



Western Blot analysis of PTPN7 expression in transfected 293T cell line ([H00005778-T02](#)) by PTPN7 MaxPab polyclonal antibody.

Lane 1: PTPN7 transfected lysate(39.6 KDa).

Gene Information

Entrez GeneID: [5778](#)

**GeneBank
Accession#:** [NM_002832.2](#)

**Protein
Accession#:** [NP_002823.2](#)

Gene Name: PTPN7

Gene Alias: BPTP-4,HEPTP,LC-PTP,LPTP,PTPNI

**Gene
Description:** protein tyrosine phosphatase, non-receptor type 7

Omim ID: [176889](#)

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 gene is preferentially expressed in a variety of hematopoietic cells, and is an early response gene in lymphokine stimulated cells. The noncatalytic N-terminus of this PTP can interact with MAP kinases and suppress the MAP kinase activities. This PTP was shown to be involved in the regulation of T cell antigen receptor (TCR) signaling, which was thought to function through dephosphorylating the molecules related to MAP kinase pathway. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other
Designations:** OTTHUMP00000034115,dual specificity phosphatase 1, hematopoietic protein-tyrosine phosphatase, protein-tyrosine phosphatase, nonreceptor-type, stress induced

Gene Pathway

[MAPK signaling pathway](#)