



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

Catalog # : H00005801-D01P

規格 : [ 100 ug ]

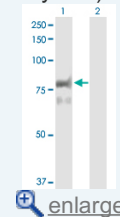
[List All](#)

**Specification**

<b>Product Description:</b>	Rabbit polyclonal antibody raised against a full-length human PTPRR protein.
<b>Immunogen:</b>	PTPRR (NP_002840.1, 1 a.a. ~ 657 a.a) full-length human protein.
<b>Sequence:</b>	MRRAVCFPALCLLLNLHAAGCFSGNNDHFLAINQKKSQKPVFIYKHSQDI EKSLDIAPQKIYRHSYHSSSEAQVSKRHQIVNSAFPRPAYDPSLNLLAMDG QDLEVENLPIPAANVIVVTLQMDVNKLNITLLRIFRQGVAAALGLLPQQVHI NRLIGKKNSEILFVSPINRKTGISDALPSEEVLRSLNINVLHQSLSQFGITEV SPEKNVLQGGHEADKIWSKEGFYAVVIFLSIFVIITCLMILYRLKERFQLSL RQDKEKNQEIHLSPITLQPALSEAKTVHSMVQPEQAPKVLNVVDPQGR GAPEIRATTATSVCPSPFKMKPIGLQERRGSN/SLTDMSSLGNIEPFVSI PTPREKVAMEYLQSASRILTRSQLRDVASSHLLQSEFMEIPMNFVDPKEI DIPRHGTKNRYKTILPNPLSRVCLRPKNVTDSLSTYINANYIRGYSQKEKAF IATQGP MINTVDDFWQMMWQEDSPVIMITKLKEKNEKCVLYWPEKRGYI GKVEVLVISVNECDNYTIRNLVLKQGSHTQHMVHYWYTSWPDHKTPDSA QPLLQLMLDVEEDRLASQGRGPVWVHCSAGIGRTGCFIATSIGCQQLKE EGVDALSIVCQLRMDRGGMVQTSEQYEFVHHALCLYESRLSAETVQ
<b>Host:</b>	Rabbit
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	In 1x PBS, pH 7.4
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>MSDS:</b>	 <a href="#">Download</a>
<b>Datasheet:</b>	 <a href="#">Download</a>

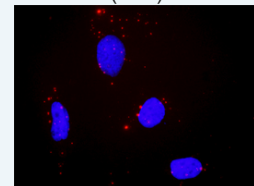
**Application Image**

Western Blot (Transfected lysate)



 [enlarge](#)

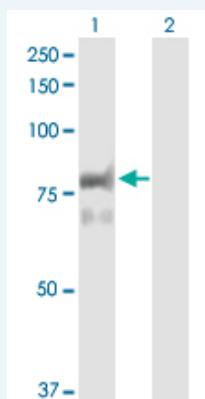
In situ Proximity Ligation Assay (Cell)



 [enlarge](#)

**Applications**

**Western Blot (Transfected lysate)**

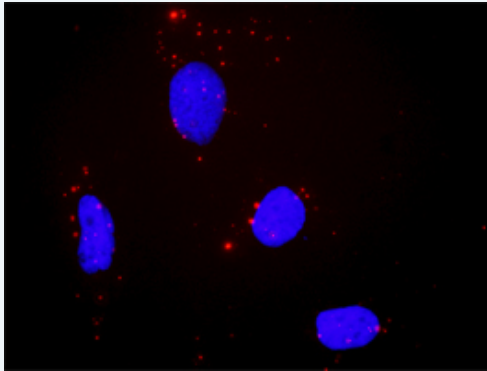


Western Blot analysis of PTPRR expression in transfected 293T cell line ([H00005801-T02](#)) by PTPRR MaxPab polyclonal antibody.

Lane 1: PTPRR transfected lysate(73.90 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

### ***In situ* Proximity Ligation Assay (Cell)**



Proximity Ligation Analysis of protein-protein interactions between PTPRR and MAPK1. HeLa cells were stained with anti-PTPRR rabbit purified polyclonal 1:1200 and anti-MAPK1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

### **Gene Information**

**Entrez GeneID:** [5801](#)

**GeneBank Accession#:** [NM\\_002849](#)

**Protein Accession#:** [NP\\_002840.1](#)

**Gene Name:** PTPRR

**Gene Alias:** DKFZp781C1038,EC-PTP,FLJ34328,MGC131968,MGC148170,PCPTP1,PTP-SL,PTPBR7,PTPRQ

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

**Omim ID:** [602853](#)

**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 intracellular catalytic domains, and thus represents a receptor-type PTP. The similar gene predominately expressed in mouse brain was found to associate with, and thus regulate the activity and cellular localization of MAP kinases. The rat counterpart of this gene was reported to be regulated by the nerve growth factor, which suggested the function of this gene in neuronal growth and differentiation. [provided by RefSeq]

**Other Designations:** Ch-1 PTPase,protein tyrosine phosphatase Cr1PTPase,protein-tyrosine phosphatase NC-PTPCOM1

### **Gene Pathway**

[MAPK signaling pathway](#)

## Related Disease

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Kidney Failure, Chronic Tobacco Use Disorder

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