



# 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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## Datasheet

### PTPN2 MaxPab rabbit polyclonal antibody (D01)

**Catalog Number:** H00005771-D01

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against a full-length human PTPN2 protein.

**Immunogen:** PTPN2 (NP\_536347.1, 1 a.a. ~ 387 a.a) full-length human protein.

**Sequence:**

MPTTIEREFEELDTQRRWQPLYLEIRNESHDYPHRVA  
KFPENRNRNRYRDVSPYDHSRVKQLQNAENDYINASLV  
DIEEAQRSYILTQGPLPNTCCHFWMVWQQKTAVVM  
LNRIVEKESVKCAQYWPTDDQEMLFKETGFSVKLLSE  
DVKSYYTVHLLQLENINSGETRTISHFYTTWPDFGVP  
ESPASFLNFLFKVRESGSLNPDHGPAVIHCSAGIGRSG  
TFSLVDTCLVLMKGGDDINIKQVLLNMRKYRMGLIQT  
DQLRFSYMAIEGAKCIKGDSSIQRWKELSKEDLSPA  
FDHSPNKIMTEKYNGNRIGLEEEKLTGDRCTGLSSKM  
QDTMEENSESALRKRIREDRKATTAQKVQMMKQRLN  
ENERKRKRPRLTDT

**Host:** Rabbit

**Reactivity:** Human

**Applications:** IF, IP, WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** No additive

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

**Entrez GeneID:** 5771

**Gene Symbol:** PTPN2

**Gene Alias:** PTPT, TC-PTP, TCELLPTP, TCPTP

**Gene Summary:** The protein encoded by this gene is a

member of the protein tyrosine phosphatase (PTP) family. Members of the PTP family share a highly conserved catalytic motif, which is essential for the catalytic activity. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. Epidermal growth factor receptor and the adaptor protein Shc were reported to be substrates of this PTP, which suggested the roles in growth factor mediated cell signaling. Three alternatively spliced variants of this gene, which encode isoforms differing at their extreme C-termini, have been described. The different C-termini are thought to determine the substrate specificity, as well as the cellular localization of the isoforms. Two highly related but distinctly processed pseudogenes that localize to distinct chromosomes have been reported. [provided by RefSeq]