



# 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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## PTPN2 (Human) IP-WB Antibody Pair

Catalog # : H00005771-PW2

規格 : [ 1 Set ]

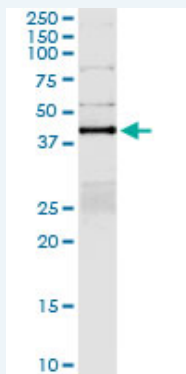
List All

### Specification

**Product Description:** This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

**Reactivity:** Human

**Quality Control Testing:** Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of PTPN2 transfected lysate using rabbit polyclonal anti-PTPN2 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-PTPN2.

**Supplied Product:** Antibody pair set content:  
 1. Antibody pair for IP: rabbit polyclonal anti-PTPN2 (300 ul)  
 2. Antibody pair for WB: mouse purified polyclonal anti-PTPN2 (50 ug)

**Storage Instruction:** Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

### Applications

Immunoprecipitation-Western Blot

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [5771](#)

**Gene Name:** PTPN2

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

**Gene Description:** protein tyrosine phosphatase, non-receptor type 2

**Omim ID:** [176887](#)

**Gene Ontology:** [Hyperlink](#)

**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]

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**Other** T-cell protein tyrosine phosphatase  
**Designations:**

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#### **Related Disease**

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[Addison Disease](#) [Arthritis](#) [Arthritis, Juvenile Rheumatoid](#) [Arthritis, Rheumatoid](#) [Autoimmune Diseases](#) [Carcinoma](#) [Celiac Disease](#) [Colitis](#) [Ulcerative Crohn Disease](#) [Crohn's disease](#) [Diabetes Mellitus, Type 1](#) [Diabetes Mellitus, Type 2](#) [Disease Progression](#) [Disease Susceptibility](#) [Genetic Predisposition to Disease](#) [Ileal Diseases](#) [Inflammatory Bowel Diseases](#) [Lupus Erythematosus](#) [Systemic Prostatic Neoplasms](#)

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