



# SZABO SCANDIC

Part of Europa Biosite

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Diagnostik & molekulare Diagnostik



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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## PTPN2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005771-T02

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

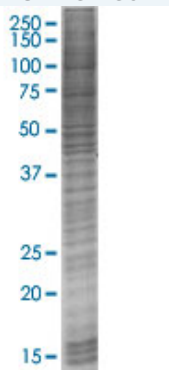
**Plasmid:** pCMV-PTPN2 full-length

**Host:** Human

**Theoretical MW (kDa):** 45.2

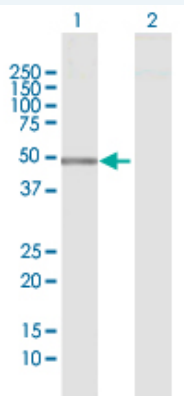
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-PTPN2 antibody (H00005771-D01) by Western Blots.

#### SDS-PAGE Gel



PTPN2 transfected lysate.

#### Western Blot



Lane 1: PTPN2 transfected lysate ( 45.2 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

## Western Blot

### Gene Information

Entrez GeneID: [5771](#)

GeneBank Accession#: [NM\\_080422.1](#)

Protein Accession#: [NP\\_536347.1](#)

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]

Other Designations: T-cell protein tyrosine phosphatase

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