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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTPN2 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00005771-D01P

規格 : [100 ug]

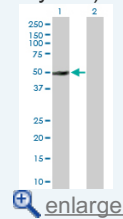
[List All](#)

Specification

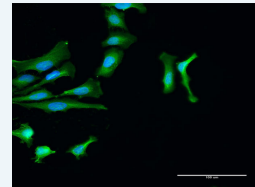
Product Description:	Rabbit polyclonal antibody raised against a full-length human PTPN2 protein.
Immunogen:	PTPN2 (NP_536347.1, 1 a.a. ~ 387 a.a) full-length human protein.
Sequence:	MPTTIEREFEELDTQRRWQPLYLEIRNESHDPHRVAKFPENRRNRNR DVSPYDHSRVKLNQNAENDYINASLVDIEEAQRSYILTQGPLPNTCCHF MWWQQKTKAVMLNRIVEKESVKCAQYWPTDDQEMLFKETGFSVKLLS EDVKSYYTVHLLQLENINSGETRTISHFYTTWPDFGVPESPASFLNFLF KVRSGSLNPDHGPVHCSAGIGRSGTFSLVDTCLVLMKGGDDINIKQVL LNMRYRMGLIQTPDQLRFSYMAIIEGAKCIKGDSSIQRWKELSKEDLSP AFDHSPNKIMTEKYNGNRIGLEEEKLTGDRCTGLSSKMQDTMEENSESA LRKRIREDRKATTAQKVQMKQRLNENERKRKRPRLTDT
Host:	Rabbit
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	Download
Datasheet:	Download

Application Image

Western Blot (Transfected lysate)

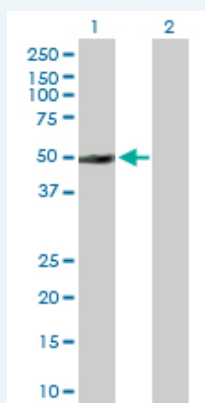


Immunofluorescence



Applications

Western Blot (Transfected lysate)

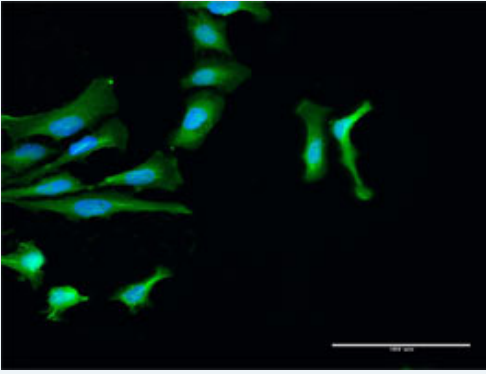


Western Blot analysis of PTPN2 expression in transfected 293T cell line ([H00005771-T02](#)) by PTPN2 MaxPab polyclonal antibody.

Lane 1: PTPN2 transfected lysate(45.20 KDa).
 Lane 2: Non-transfected lysate.

[Protocol Download](#)

Immunofluorescence



[enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to PTPN2 on HeLa cell. [antibody concentration 20 ug/ml]

[Protocol Download](#)

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

Related Disease

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