

MaxPab®

PTPN3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005774-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PTPN3 protein.
Immunogen	PTPN3 (ADR83422.1, 1 a.a. ~ 913 a.a) full-length human protein.
Sequence	MTSRLRALGGRINNIRTSELPKEKTRSEVICSIHFLDGVVQTFKVTQKQDTGQVLLDMVHNHLGVTEK EYFGLQHDDDSVDSPRWLEASKAIRKQLKGGFPC TLHFRVRFFIPDPNTLQQEQTRHLYFLQLKM DICEGRLTCPLNSAVVLASYAVQSHFGDYNSSIHHPGYLSDSHFIPDQNE DFLTKVESLHEQHSGL KQSEAESCYNIARTLDFYGVELHSGRDLHNLDLMIGIASAGVAVYRKYICTSFYPWVNILKISFKRKK FFIHQRQKQAESREHIVAFNMLNYRSCKNLWKSCVEHHTFFQAKKLLPQEK NVLSQYWTMGSRN TKKSVNNQYCKKVIGGMVWNPAMRRSLSEHLETKSLPSRSPPIPNWRSRPLRHEIRKPRHSSA DNLANEMTYITETEDVFYTYKGLAPQDSDSEVSQNRSPHQESLENNPAQS YLTQKSSSSSVSPS SNAPGSCSPDGVDQQLDDFHRVTKGGSTEDASQYYCDKNDNGDSYLVLIRITPDEDGKFGFNL KGGVDQKMPLVVSRLNPESPADTCIPKLNEGDQV LINGRDISEHTHDQVVMFIKASRESHSRELAL VIRRRAVRSFADFKSEDELNQLFPEAIFPMCPEGGDTLEGSM AQLKKGLESGTVLIQFEQLYRKK PGLAITFAKL PQNL DKNRYKDVLPYDTTRVLLQGNEDYINASYVNMEIPAANLVN KYIATQG PLPHTC AQFWQVVWDQKLSLVM LTTLTERGR TKCHQYWPDPDVMNHGGFHIQCQSE DCTIAYVSREML VTNTQTGEEHTVTHLQYVAWPDHGV PDDSSDFLEFVNVRSLRVDSEPV LVHCSAGIGRTGVLV TMETAMCLTERNLPYPLDIVRKMRDQRAMMVQTSSQYKFVCEAILRVYEEGLVQMLDPS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92)
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — PTPN3

Entrez GeneID [5774](#)

GeneBank Accession# [HQ258671.1](#)

Protein Accession# [ADR83422.1](#)

Gene Name PTPN3

Gene Alias DKFZp686N0569, PTPH1

Gene Description protein tyrosine phosphatase, non-receptor type 3

Omim ID [176877](#)

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 protein contains a C-terminal PTP domain and an N-terminal domain homologous to the band 4.1 superfamily of cytoskeletal-associated proteins. P97, a cell cycle regulator involved in a variety of membrane related functions, has been shown to be a substrate of this PTP. This PTP was also found to interact with, and be regulated by adaptor protein 14-3-3 beta. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000021885|cytoskeletal-associated protein tyrosine phosphatase|protein tyrosin phosphatase H1|tyrosine phosphatase

Disease

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- [Cleft Palate](#)
- [Kidney Failure](#)
- [Tooth Abnormalities](#)