

DNAxPAb

Hard-to-Find
Antibody

PTPN3 DNAxPab

Catalog # H00005774-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PTPN3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MTSRLRALGGRINNIRTSELPKEKTRSEVICSIHFLDGVVQTFKVTQKDTGQVLLDMVHNHLGVTEK EYFGLQHDDDSVDSRWLEASKAIRKQLKGGFPCTLHFRVRFFIPDPNTLQQEQTRHLYFLQLKM DICEGRLTCPLNSAVVLASYAVQSHFGDYNSSIHHPGYLSDSHFIPDQNEFLTKVESLHEQHSGL KQSEAESCYNIARTLDFYGVELHSGRDLHNLDLMIGIASAGVAVYRKYICTSFYPWWNILKISFKRKK FFIHQRQKQAESREHIVAFNMLNYRSCKNLWKSCVEHHTFFQAKLLPQEKVLSQYWTMGSRN TKKSVNNQYCKKVIGGMVWNPAMRRSLSEHLETKSLPSRSPITPNWRSPRLRHEIRKPRHSSA DNLANEMTYITETEDVFYTYGSLAPQDSDSEVSQNRSPHQESLENNPAQSYLETQKSSSSVSPS SNAPGSCSPDGVQQLDDFHRVTKGGSTEDASQYYCDKNDNGDSYLVLRITPDEDGKFGFNL KGGVDQKMPLVVSINPESPADTCIPKLNEGDQVLMINGRDISEHTHDQVVMFIKASRESHSRELAL VIRRRVRSFADFKSEDELNQLFPEAIFPMCEGGDTLEGSMALKKGLESGTVLIQFEQLYRKK PGLAITFAKLPQNLDKNRYKDVLPYDTTRVLLQGNEDYNASYVNMEIPAANLVNKYIATQGPLPHTC AQFWQVVDQKLSLVMMLTTLTERGRKCHQYWPDPDVMNHGGFHIQCQSEDCTIAYVSREML VTNTQTGEEHTVTHLQYVAWPDHGVDPDDSSDFLEFVNVRSLRVDSEPVLVHCSAGIGRTGVLV TMETAMCLTERNLPYPLDIVRKMRDQRAMMVQTSSQYKFVCEAILRVYEEGLVQMLDPS
Host	Rabbit
Reactivity	Human
Purification	Protein A
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](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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 tyrosine phosphatase H1|tyrosine phosphatase

Disease

- [Cleft Lip](#)

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