

DNAxPAb

Hard-to-Find
Antibody

PTPN4 DNAxPab

Catalog # H00005775-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human PTPN4 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MTSRFRLPAGRTYNVRASELARDRQHTVVVCNILLDDNTVQAFKVNKHDQGQVLLDVVFKHLDLT
EQDYFGLQLADDSTDNPRWLDPNKPIRKQLKRGSPYSLNFRVKFFVSDPNKLQEEYTRYQYFLQI
KQDILTGRLPSPNTAALLASFAVQSELGDYDQSENLSGYLSDYSFIPNQPDFFEKEIAKLHQHI
GLSPAEAEFNYLNTARTLELYGVEFHAYARDQSNNEIMIGVMSGILYKNRVRMNTFPWLKIVKISFK
CKQFFIQLRKELHESRETLLGFNMVNYRACKNLWKACVEHHTFFRLDRPLPPQKNFFAHYFTLGS
KFRYCGRTEVQSVQYGKEKANKDRVFARSPSKPLARKLMDWEVVSRSISDDRLETQSLPSRS
PPGTPNHRNSTFTQEGTRLRPSSVGHLDHMHVHTSPSEVFVNQRSPSSTQANSIVLESSPSQET
PGDGKPPALPPKQSKNSWNQIHYSHSQQDLESHINETFDIPSSPEKPTPNGGIPHDNLVLIRMKP
DENGRFGFNVKGGYDQKMPVIVSRVAPGTPADLCVPRLNEGDQVVLINGRDIAETHDQVVFLFIK
ASCERHSGELMLLVRPNAVYDVVEEKLENEPDFQYIPEKAPLDSVHQDDHSLRESMIQLAEGIT
GTVLTQFDQLYRKKPGMTMSCAKLPQNISKNYRDISPYDATRVILKGNEDYINANYINMEIPSSSIIN
QYIACQGPLPHTCTDFWQMTWEQGSSMVMLTTQVERGRVKCHQYWPEPTGSSSYGCYQVTC
HSEEGNTAYIFRKMTLFNQEKNESRPLTQIQYAWPDHGVPPDDSSDFLDFVCHVRNKRAGKEEPV
VVHCSAGIGRTGVLITMETAMCLIECNQPVYPLDIVRTMRDQRAMMIQTPSQYRFVCEAILKVYEEG
FVKPLTTSTNK

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 — PTPN4

Entrez GeneID [5775](#)

GeneBank Accession# [NM_002830.2](#)

Protein Accession# [NP_002821.1](#)

Gene Name PTPN4

Gene Alias PTPMEG, PTPMEG1

Gene Description protein tyrosine phosphatase, non-receptor type 4 (megakaryocyte)

Omim ID [176878](#)

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. This PTP has been shown to interact with glutamate receptor delta 2 and epsilon subunits, and is thought to play a role in signalling downstream of the glutamate receptors through tyrosine dephosphorylation. [provided by RefSeq]

Other Designations PTPase-MEG1|megakaryocyte phosphatase|megakaryocyte protein-tyrosine phosphatase|protein tyrosine phosphatase MEG1|protein tyrosine phosphatase, non-receptor type 4