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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTPN12 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00005782-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human PTPN12 protein.

Immunogen: PTPN12 (NP_002826.2, 1 a.a. ~ 780 a.a) full-length human protein.

Sequence:
 MEQVEILRKFIQRVQAMKSPDHNGEDNFARDFMRLRRLSTKYRTEKIYPT
 ATGEKEENVKKNRYKDILPFDHSRVKLTLPKTPSQSDSYINANFIKGVYGP
 KYVATQGPLANTVIDFWRMIWEYNVVIIMACREFEMGRKKCERYWPLY
 GEDPITFAPFKISCEDEQARTDYFIRTLLEFQNESRRLYQFHVNWPDH
 DVPSSFDSDILDMISLMRKYQEHEDEVPICHCSAGCGRTGAICAIDYTWLL
 KAGKIPEEFNVFNLIQEMRTQRHSAVQTKEQYELVHRAIAQLFEKQLQLY
 EIHGAQKIADGVNEINTENMISSIEPEKQDSDPPKPPRTRSCLVGDAKEEI
 LQPPEHPVPPILTPSPPSAFPTVTTVWQDNDRYHPKPVLMVSSEQHS
 ADLNRNYSKSTELPGKNESTIEQIDKKLERNLSFEIKKVPLQEGPKSFDGN
 TLLNRGHAIKISASPCIAKISKPQELSSDLNVGDTSQNSCVDCSVTQSN
 KVSVPPEESQNSDTPPRPDRPLDEKGHVTSFVHGPENAIPIPDLSEGN
 SSDINYQTRKTVSLTPSPTTQVETPDLVDHNTSPLFRTPLSFTNPLHSD
 DSDSDERNSDGAVTQNKTNISTASATVSAATSTESISTRKVLPMIARHNI
 AGTTHSGAEKDVDVSEDSPPPLPERTPESEFVLAHEHNTPVRSEWSELQS
 QERSEQKKSEGLITSENEKCDHPAGGIHYEMCIECPPTFSDKREQISENP
 TEATDIGFGNRCGKPKGPRDPPSEWT

Host: Mouse

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](#)

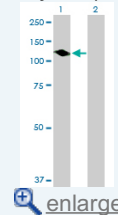
Datasheet:  [Download](#)

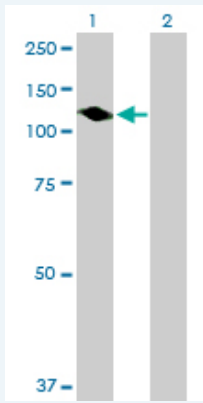
Applications

Western Blot (Transfected lysate)

Application Image

Western Blot (Transfected lysate)





Western Blot analysis of PTPN12 expression in transfected 293T cell line ([H00005782-T01](#)) by PTPN12 MaxPab polyclonal antibody.

Lane 1: PTPN12 transfected lysate(85.8 KDa).
Lane 2: Non-transfected lysate.

Protocol Download

Gene Information

Entrez GeneID: [5782](#)

GeneBank Accession#: [NM_002835.2](#)

Protein Accession#: [NP_002826.2](#)

Gene Name: PTPN12

Gene Alias: PTP-PEST,PTPG1

Gene Description: protein tyrosine phosphatase, non-receptor type 12

Omim ID: [600079](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains a C-terminal PEST motif, which serves as a protein-protein interaction domain, and may regulate protein intracellular half-life. This PTP was found to bind and dephosphorylate the product of the oncogene c-ABL and thus may play a role in oncogenesis. This PTP was also shown to interact with, and dephosphorylate, various products related to cytoskeletal structure and cell adhesion, such as p130 (Cas), CAKbeta/PTK2B, PSTPIP1, and paxillin. This suggests it has a regulatory role in controlling cell shape and mobility. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]

Other Designations: OTTHUMP00000025119,protein-tyrosine phosphatase G1,tyrosine-protein phosphatase non-receptor type 12

Related Disease

[Genetic Predisposition to Disease](#) [Graves Disease](#) [Graves Ophthalmopathy](#) [Kidney Failure, Chronic](#)

