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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTPN12 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00005782-B01

規格 : [50 uL]

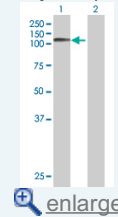
[List All](#)

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 AYVATQGPLANTVIDFWRMIWEYNVVIIMACREFEMGRKKCERYWPLY GEDPITFAPFKISCEDEQARTDYFIRTLLEFQNESRRLYQFHVNWPDH DVPSSFSDILDMISLMRKYQEHEDEVPICHCSAGCGRTGAICAIDYTWLL KAGKIPEEFNVFNLIQEMRTQRHSAVQTKEQYELVHRAIAQLFEKQLQLY EIHGAQKIADGVNEINTENMISSIEPEKQDSPPPKPPRTRSCLVGDAKEEI LQPPEPHVPPIILTPSPPSAFPTVTTWQDNDRYHPKPVLMVSSEQHS ADLNRNYSKSTELPGKNESTIEQIDKKLERNLSFEIKKVPLQEGPKSFDGN TLLNRGHAIKISASPCIAKISKPQELSSDLNVGDTSQNSCVDCSVTQSN KVSVTPPEESQNSDTPPRPDRPLDEKGHVTSFHHGPENAIPIPDLSEGN SSDINYQTRKTVSLTPSPTTQVETPDLVDHDNTSPLFRTPLSFTNPLHSD DSDSDERNSDGAVTQNKTNISTASATVSAATSTESISTRKVLPMIARHNI AGTTTHSGAEKDVDSSEDSPPPLPERTPESEFVLAHEHNTPVRSEWSELQS QERSEQKKSEGLITSENEKCDHPAGGIHYEMCIECPPTFSDKREQISENP TEATDIGFGNRCGKPKGPRDPPSEWT
Host:	Mouse
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	No additive
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note:	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.
MSDS:	 Download
Datasheet:	 Download

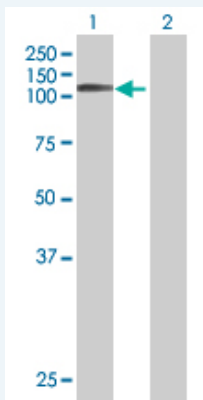
Application Image

Western Blot (Transfected lysate)



Applications

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](#)

