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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MAN2B1 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00004125-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human MAN2B1 protein.

Immunogen: MAN2B1 (NP_000519.2, 1 a.a. ~ 1011 a.a) full-length human protein.

Sequence:
 MGAYARASGVCARGCLDSAGPWTMSRALRPPLPPLCFFLLLLAAAGAR
 AGGYETCPTVQPNMLNVHLLPHTHDDVGLKTVDQYFYGIKNDIQHAGV
 QYILDVVISALLADPTRRFIYVEIAFFSRWWHQQTNATQEVVRDLVRQGR
 LEFANGGWVNMNDEAATHYGAVDQMTLGLRFLEDTFGNDGRPRVAWHI
 DPFGHSREQASLFAQMGFDGFFFGRLDYQDKWVRMQKLEMEQVWRA
 STSLKPPTADLFTGVLPNGYNPPRNLCDVLCVDQPLVEDPRSPEYNAK
 ELVDYFLNVATAQGRYYRTNHTVMTMGSDFYENANMWFKNLCLKLRLV
 NAQQAKGSSVHLYSTPACYLWELNKANLTWSVKHDDFFPYADGPHQF
 WTGYFSSRPALKRYERLSYNFLQVCNQLEALVGLAANVGPYSGDSAP
 LNEAMAVLQHHDVAVSGTSRQHVANDYARQLAAGWGPCEVLLSNALARL
 RGFKDHTFCQQLNISICPLSQTAARFQVIVYNPLGRKVNMMVRLPVSE
 GVFWKDPNGRTVPSDVVIFPSSDSQAHPELFFSASLPALGFSTYSVAQ
 VPRWKPQARAPQPIPRRSWSPALTIENEHIRATFDPTDGLLMEIMNMNQ
 LLLPVRQTFWYNASIGDNESDQASGAYIFRPNQKPLPVSRAWAQLHLVK
 TPLVQEVHQNFSAWCSQVRLYPGQRHLELEWSVGPIPVGDTWGKEVI
 SRFDTPLETKGRFYTDNSGREILERRRDYRPTWKLNQTEPVAGNYYPVN
 TRIYITDGNMQLTVLTDRSQGGSSLRDGSLELMVHRRLLKDDGRGVSEP
 LMENSGAWVRGRHLVLLDTAQAAAAGHRLLAEQEVLPQVWLAPGGG
 AAYNLGAPPRTQFSGLRRDLPPSVHLLTLASWGPPEMVLRLRHQFAVG
 EDSGRNLSAPVTLNLRDLFSTFTITRLQETTLVANQLREAAASRLKWTNT
 GPTPHQTPYQLDPANITLPEMIRTFILASVQWKEVDG

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

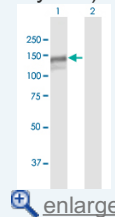
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.


MSDS:  [Download](#)

Datasheet:  [Download](#)

Application Image

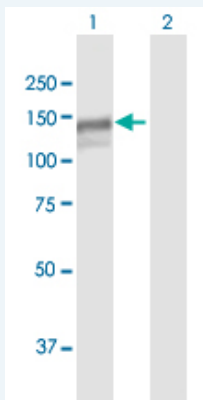
Western Blot (Transfected lysate)



 [enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of MAN2B1 expression in transfected 293T cell line ([H00004125-T01](#)) by MAN2B1 MaxPab polyclonal antibody.

Lane 1: MAN2B1 transfected lysate(111.21 kDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [4125](#)

GeneBank Accession#: [NM_000528.2](#)

Protein Accession#: [NP_000519.2](#)

Gene Name: MAN2B1

Gene Alias: LAMAN,MANB

Gene Description: mannosidase, alpha, class 2B, member 1

Omim ID: [248500](#), [609458](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes an enzyme that hydrolyzes terminal, non-reducing alpha-D-mannose residues in alpha-D-mannosides. Its activity is necessary for the catabolism of N-linked carbohydrates released during glycoprotein turnover and it is member of family 38 of glycosyl hydrolases. The full length protein is processed in two steps. First, a 49 aa leader sequence is cleaved off and the remainder of the protein is processed into 3 peptides of 70 kDa, 42 kDa (D) and 13/15 kDa (E). Next, the 70 kDa peptide is further processed into three peptides (A, B and C). The A, B and C peptides are disulfide-linked. Defects in this gene have been associated with lysosomal alpha-mannosidosis. [provided by RefSeq]

Other Designations: lysosomal acid alpha-mannosidase, mannosidase, alpha B, lysosomal

Gene Pathway

[Lysosome Other glycan degradation](#)