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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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MAN2B1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00004125-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit 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
 AGGYETCPTVQPNMLNVHLLPHTHDDVGVWKTVDQYFYGIKNDIQHAGV
 QYILDVVISALLADPTRRFIYVEIAFFSRWWHQQTNATQEVVRDLVRQGR
 LEFANGGWVNMDEAATHYGAVDQMTLGLRFLEDTFGNDGRPRVAWHI
 DPFGHSREQASLFAQMGFDGFFFGRLDYQDKWVRMQKLEMEQVWRA
 STSLKPPTADLFTGVLPNGYNPPRNLCDVLCVDQPLVEDPRSPEYNAK
 ELVDYFLNVATAQGRYYRTNHTVMTMGSDFYENANMWFKNLDKLIRLV
 NAQQAKGSSVHVLYSTPACYLWELNKANLTWSVKHDDFFPYADGPHQF
 WTGYFSSRPALKRYERLSYNFLQVCNQLEALVGLAANVGPYSGSDSAP
 LNEAMAVLQHHDVAVSGTSRQHVANDYARQLAAGWGPCEVLLSNALARL
 RGFKDHTFCQQLNISICPLSQTAARFQVIVYNPLGRKVNMMVRLPVSE
 GVFVVKDPNGRTVPSDVVIFPSSDSQAHPELLFSASLPALGFSTYSVAQ
 VPRWKPARAPQPIPRRSWSPALTIENEHIRATFDPTDGLLMEIMNMNQ
 LLLPVRQTFWYNASIGDNESDQASGAYIFRPNQKPLPVSRWAQIHLVK
 TPLVQEVHQNFSAWCSQVRLYPGQRHLELEWSVGPIPVGDTWGKEVI
 SRFDTPLETKGRFYTDNSGREILERRRDYRPTWKLNQTEPVAGNYYPVN
 TRIYITDGNMQLTVLTDRSQGGSSLRDGSLELMVHRRLLKDDGRGVSEP
 LMENSGAWVRGRHLVLLDTAQAAAAGHRLLAEQEVLPQVWLAPGGG
 AAYNLGAPPRTQFSGLRRDLPPSVHLLTLASWGPPEMVLRLRHQFAVG
 EDSGRNLSAPVTLNLRDLFSTFTITRLQETTLVANQLREASRLKWTNT
 GPTPHQTPYQLDPANITLPEIRTFILASVQWKEVDG

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

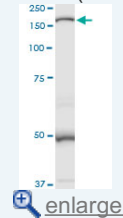
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

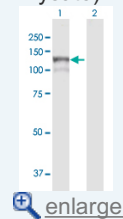
Datasheet:  [Download](#)

Application Image

Western Blot (Cell lysate)

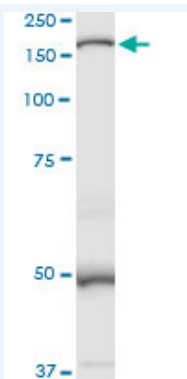


Western Blot (Transfected lysate)




Applications

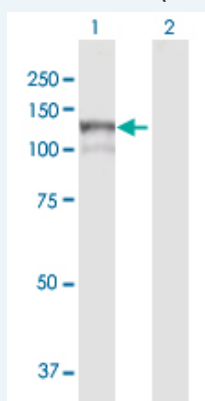
Western Blot (Cell lysate)



MAN2B1 MaxPab rabbit polyclonal antibody. Western Blot analysis of MAN2B1 expression in HepG2.

 [Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of MAN2B1 expression in transfected 293T cell line ([H00004125-T02](#)) by MAN2B1 MaxPab polyclonal antibody.

Lane 1: MAN2B1 transfected lysate(113.70 kDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [4125](#)

GeneBank [NM_000528.2](#)

Accession#:

Protein [NP_000519.2](#)

Accession#:

Gene Name: MAN2B1

Gene Alias: LAMAN,MANB

Gene mannosidase, alpha, class 2B, member 1

Description:

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

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