

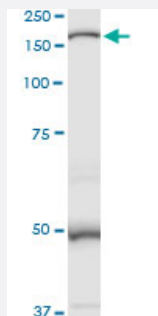
MaxPab®

MAN2B1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004125-D01P

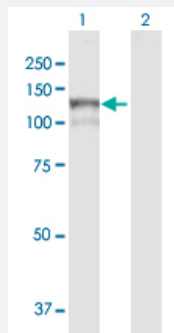
Size 100 ug

Applications



Western Blot (Cell lysate)

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



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.

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

MGAYARASGVCARGCLDSAGPWMTMSRALRPPLPPLCFFLLLLAAAGARAGGYETCPTVQPNML
NVHLLPHTHDDVGWLKTVDQYFYGIKNDIQHAGVQYILDSVISALLADPTRRFYVEIAFFSRWWHQ
QTNATQEVVRDLVRQGRLEFANGGWVMNDEAATHYGAVDQMTLGLRFLEDTFGNDGRPRVAW
HIDPFHSREQASLFAQMGFDGFFFGRLDYQDKWVRMQKLEMEQVWRASLSLKPPPTADLFTGV
LPNGYNPPRNLCWDVLCVDQPLVEDPRSPEYNAKELVDYFLNVATAQGRIYRTNHTVMTMGSD
QYENANMWFKNLDKLRVNAQQAKGSSVHVLYSTPACYLWELNKANLTWSVKHDDFFPYADGP
HQFWTGYFSSRPALKRYERLSYNFLQVCNQLEALVGLAANVGPYSGDSAPLNEAMAVLQHHD
AVSGTSRQHVANDYARQLAAGWGPCEVLLSNALARLRGFKDHFTFCQQLNISICPLSQTAARFQV
IVYNPLGRKVNWMVRLPVSEGVFVVKDPNGRTVPSDVVIFPSSDSQAHPELLFSASLPALGFST
YSVAQVPRWKPQARAPQIPRRSWSPALTIENEHIRATFDPDTGLLMEIMNMNQQLLPVRQTFF
WYNASIGDNESDQASGAYIFRPNQKPLPVSRWAQIHLVKTPLVQEVHQNFSAWCSQVVRLYPG
QRHLELEWSVGPIPVGDTWGKEVISRFDTPLETKGRFYTDSNGREILERRRDYRPTWKLNQTEPV
AGNYYPVNTRIYTDGNMQLTVLTDRSQGGSSLRDGSLELMVHRRLLKDDGRGVSEPLMENGSGA
WVRGRHLVLLDTAQAAAAAGHRLAEQEV LAPQVVLAPGGGAAYNLGAPPRTQFSGLRDLPPS
VHLLTLASWGPEMVLLRLEHQFAVGEDSGRNLSAPVTNLNRLDLFSTFTITRLQETTLVANQLREAA
SRLKWTNTGPTPHQTPYQLDPANITLPEMEIRTF LASVQWKEVDG

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.

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.

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[Protocol Download](#)

Gene Info — MAN2B1

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

Pathway

- [Lysosome](#)
- [Other glycan degradation](#)