

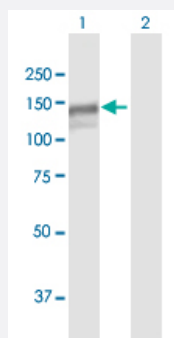
MaxPab®

MAN2B1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004125-B01P

Size 50 ug

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.

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

MGAYARASGVCARGCLDSAGPWMTSRALRPPLPLCFFLLLLAAAGARAGGYETCPTVQPNML
NVHLLPHTHDDVGWLKTVQYFYGIKNDIQHAGVQYILDSVISALLADPTRRFIYVEIAFFSRWWHQ
QTNATQEVVRDLVRQGRLEFANGGWVMNDEAATHYGANDQMTLGLRFLEDTFGNDGRPRVAW
HIDPFGHSREQASLFAQMFGDGGFFGRLDYQDKWVRMQKLEMEQVWRASSTLKPPTADLFTGV
LPNGYNPPRNLCWDVLCVDQPLVEDPRSPEYNAKELVDYFLNVATAQGRIYRTNHTVMTMGSD
QYENANMWFKNLDKILRLVNAQQAKGSSVHVLSTPACYLWELNKANLTWSVKHDDFFPYADGP
HQFWTGYFSSRPALKRYERLSYNFLQVCNQLEALVGLAANVGYPYSGDSAPLNEAMAVLQHHD
AVSGTSRQHVANDYARQLAAGWGPCVLLSNALARLRGFKDHFTFCQQLNISICPLSQTAARFQV
IYNPLGRKVNWMVRLPVSEGVFVVKDPNGRTVPSDVVIFPSSDSQAHPPELLFSASLPALGFST
YSVAQVPRWKPOARAPQPIPRRSWSPALTIENEHIRATFDPTDGLLMEIMNMNQQLLPVRQTFF
WYNASIGDNESDQASGAYIFRPNQKPLPVSRAQIHLVKTPLVQEVHQNFSAWCSQVVRLYPG
QRHLELEWSVGPIPVGDTWGKEVISRFDTPLETKGRFYTDSNGREILERRRDYRPTWKLNQTEPV
AGNYYPVNTRYITDGNMQLTVLTDRSQGGSSLRDGSLELMVHRRLKDDGRGVSEPLMENGSGA
WVRGRHLVLLDTAQAAAAAGHRLLAEQEVLAPQVVLAPGGGAAYNLGAPPRTQFSGLRDLPPS
VHLLTLASWGPEMVLLRLEHQFAVGEDSGRNLAPVTLNLRDLFSTFTITRLQETTLVANQLREAA
SRLKWTNTGTPTPHQTPYQLDPANITLPEMIRTFILASVQWKEVDG

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.

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 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](#)