

Rabbit MAN2B1 Polyclonal Antibody | anti-MAN2B1 antibody

MAN2B1 Polyclonal Antibody

CATALOG # AAA280743	HOST Rabbit	APPLICATIONS ELISA, Western Blot
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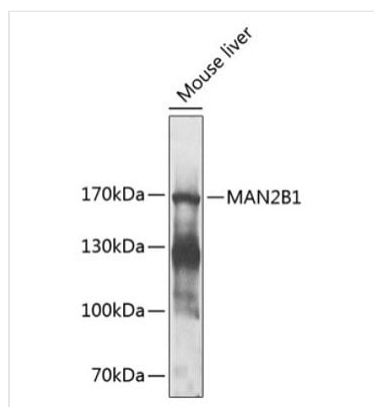
PRODUCT SYNONYMS

MAN2B1; Polyclonal Antibody; MAN2B1 Polyclonal Antibody; anti-MAN2B1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Sequence Length	1011
Applicable Applications for anti-MAN2B1 antibody	ELISA, WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 640-850 of human MAN2B1 (NP_000519.2).
Cross/Species-Reactivity	Mouse
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of mouse liver, using MAN2B1 antibody (AAA280743) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-MAN2B1 antibody	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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-MAN2B1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	51873064
NCBI GeneID	4125
NCBI Accession #	NP_000519.2
NCBI GenBank Nucleotide #	NM_000528.3
UniProt Accession #	O00754; O15330; Q16680; Q93094; Q9BW13; G5E928
Molecular Weight	Calculated MW: 114kDa Observed Molecular Weight: 170kDa
NCBI Official Full Name	lysosomal alpha-mannosidase isoform 1
NCBI Official Synonym Full Names	mannosidase alpha class 2B member 1
NCBI Official Symbol	MAN2B1
NCBI Official Synonym Symbols	MANB; LAMAN
NCBI Protein Information	lysosomal alpha-mannosidase
UniProt Protein Name	Lysosomal alpha-mannosidase
UniProt Gene Name	MAN2B1
UniProt Synonym Gene Names	LAMAN; MANB; Laman
UniProt Entry Name	MA2B1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/man2b1-antibody-western-blot-elisa/280743>