



Rabbit Anti-MAN2B2 antibody

SL18648R

Product Name:	MAN2B2
Chinese Name:	溶酶体 α -甘露糖苷酶2抗体
Alias:	EC 3.2.1.24; Laman; Lysosomal acid alpha mannosidase; Lysosomal alpha mannosidase; MANB; Mannosidase alpha class 2B member 1; Mannosidase, alpha B; Mannosidase, alpha B.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	111kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MAN2B2:581-680/1009
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	MAN2B2 is a 1,009 amino acid secreted protein that belongs to the glycosyl hydrolase 38 family. Expressed as multiple alternatively spliced isoforms, MAN2B2 uses zinc as a cofactor to catalyze the hydrolysis of terminal, non-reducing alpha-D-mannose residues in alpha-D-mannoside proteins. The gene encoding MAN2B2 maps to human chromosome 4, which encodes nearly 6% of the human genome and has the largest

gene deserts (regions of the genome with no protein encoding genes) of all of the human chromosomes. Defects in some of the genes located on chromosome 4 are associated with Huntington's disease, Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease.

Subcellular Location:

Secreted

SWISS:

Q9Y2E5

Gene ID:

23324

Database links:

[Entrez Gene: 23324](#) Human

[SwissProt: Q9Y2E5](#) Human

[Unigene: 188464](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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