



Rabbit Anti-MAN1C1 antibody

SL18645R

Product Name:	MAN1C1
Chinese Name:	MAN1C1蛋白抗体
Alias:	1 2 alpha mannosidase IC; Alpha 1 2 mannosidase IC; HMIC; MAN1A3; MAN1C; Mannosidase alpha class 1C member 1; Mannosyl oligosaccharide 1 2 alpha mannosidase IC; pp6318; Processing alpha 1 2 mannosidase IC.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,
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:	71kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MAN1C1:151-250/630
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:	MAN1C1 belongs to the glycosyl hydrolase 47 family. It is involved in the maturation of Asn-linked oligosaccharides. It trims alpha-1,2-linked mannose residues from Man(9)GlcNAc(2) to produce first Man(8)GlcNAc(2) then Man(6)GlcNAc and a small amount of Man(5)GlcNAc. MAN1C1 is expressed in most tissues with the exception of lung, muscle and pancreas. It is highly expressed in placenta.

Function:

Involved in the maturation of Asn-linked oligosaccharides. Trim alpha-1,2-linked mannose residues from Man9GlcNAc2 to produce first Man8GlcNAc2 then Man6GlcNAc and a small amount of Man5GlcNAc.

Tissue Specificity:

Expressed in most tissues with the exception of lung, muscle and pancreas. Highly expressed in placenta.

Similarity:

Golgi apparatus membrane; Single-pass type II membrane protein.

SWISS:

Q9NR34

Gene ID:

57134

Database links:

[Entrez Gene: 57134](#) Human

[SwissProt: Q9NR34](#) Human

Important Note:

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