



Rabbit Anti-Mannosidase II antibody

SL18655R

Product Name:	Mannosidase II
Chinese Name:	α -甘露糖苷酶2抗体
Alias:	3-1; 6-alpha-mannosidase; Alpha mannosidase 2; alpha Mannosidase II; alpha Mannosidase II; Alpha-mannosidase 2; AMAN II; Golgi alpha mannosidase II; Golgi alpha-mannosidase II; Golgi integral membrane protein 7; GOLIM7; MA2A1_HUMAN; MAN II; MAN2A1; MANA 2; MANA2; MANII; Mann II; Mann II; Mannosidase alpha class 2A member 1; Mannosidase Two; Mannosidase Two; Mannosidase, alpha type II; Mannosidase, alpha, II; Mannosyl oligosaccharide 1 3 1 6 alpha mannosidase; Mannosyl oligosaccharide 1,3 1,6 alpha mannosidase; Mannosyl oligosaccharide 13 16 alpha mannosidase; Mannosyl-oligosaccharide 1.
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:	131kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Mannosidase II:351-450/1144
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

This gene encodes a glycosyl hydrolase that localizes to the Golgi and catalyzes the final hydrolytic step in the asparagine-linked oligosaccharide (N-glycan) maturation pathway. Mutations in the mouse homolog of this gene have been shown to cause a systemic autoimmune disease similar to human systemic lupus erythematosus. [provided by RefSeq, Dec 2013]

Function:

Catalyzes the first committed step in the biosynthesis of complex N-glycans. It controls conversion of high mannose to complex N-glycans; the final hydrolytic step in the N-glycan maturation pathway.

Subunit:

Homodimer; disulfide-linked

Subcellular Location:

Golgi apparatus membrane; Single-pass type II membrane protein

Similarity:

Belongs to the glycosyl hydrolase 38 family.

Product Detail:

SWISS:

Q16706

Gene ID:

4124

Database links:

[Entrez Gene: 4124](#) Human

[Omim: 154582](#) Human

[SwissProt: Q16706](#) Human

[Unigene: 432822](#) Human

Important Note:

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