

Mannosidase II Rabbit pAb

Mannosidase II Rabbit pAb

Catalog # AP57203

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q16706
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	131141
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Mannosidase II
Epitope Specificity	351-450/1144
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Golgi apparatus membrane; Single-pass type II membrane protein
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	4124
Other Names	Alpha-mannosidase 2, 3.2.1.114, Golgi alpha-mannosidase II, AMan II, Man II, Mannosidase alpha class 2A member 1, Mannosyl-oligosaccharide 1, 3-1, 6-alpha-mannosidase, MAN2A1, MANA2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	MAN2A1
-------------	--------

Synonyms	MANA2
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.
Cellular Location	Golgi apparatus membrane {ECO:0000250 UniProtKB:P28494}; Single-pass type II membrane protein {ECO:0000250 UniProtKB:P28494}

Background

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.