

ARG64429 anti-Mannosidase II antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Mannosidase II
Tested Reactivity	Hu
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Mannosidase II
Species	Human
Immunogen	C-KISSDIKSQNR
Conjugation	Un-conjugated
Alternate Names	Mannosidase alpha class 2A member 1; AMan II; Golgi alpha-mannosidase II; MANA2; Alpha-mannosidase 2; Man II; GOLIM7; Mannosyl-oligosaccharide 1,3-1,6-alpha-mannosidase; MANII; EC 3.2.1.114

Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

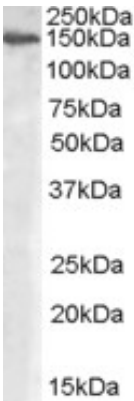
Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

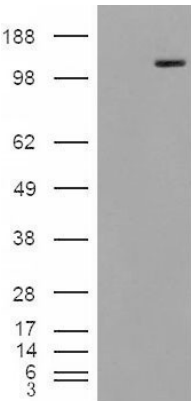
Database links	GeneID: 4124 Human Swiss-port # Q16706 Human
Gene Symbol	MAN2A1
Gene Full Name	mannosidase alpha class 2A member 1
Background	This gene encodes a protein which is a member of family 38 of the glycosyl hydrolases. The protein is located in the Golgi and catalyzes the final hydrolytic step 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, Jul 2008]
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. [UniProt]
Research Area	Controls and Markers antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	131 kDa

Images



ARG64429 anti-Mannosidase II antibody WB image

Western blot: 35 µg of Human placenta lysate (in RIPA buffer) stained with ARG64429 anti-Mannosidase II antibody at 0.3 µg/ml dilution and incubated at RT for 1 hour.



ARG64429 anti-Mannosidase II antibody WB image

Western blot: 1). Mock transfection; 2) MAN2A1 (RC220186) expressing plasmid transfected HEK293 cell lysate stained with ARG64429 anti-Mannosidase II antibody.