

ARG40356 anti-MAN1A1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MAN1A1
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MAN1A1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 70-190 of Human MAN1A1 (NP_005898.2).
Conjugation	Un-conjugated
Alternate Names	Man9-mannosidase; HUMM9; MAN9; Mannosidase alpha class 1A member 1; HUMM3; Alpha-1,2-mannosidase IA; Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA; 9; Processing alpha-1,2-mannosidase IA; EC 3.2.1.113; Man

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	A549	
Observed Size	72 kDa	

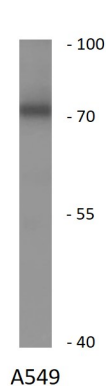
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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

Gene Symbol	MAN1A1
Gene Full Name	mannosidase, alpha, class 1A, member 1
Background	This gene encodes a class I mammalian Golgi 1,2-mannosidase which is a type II transmembrane protein. This protein catalyzes the hydrolysis of three terminal mannose residues from peptide-bound Man(9)-GlcNAc(2) oligosaccharides and belongs to family 47 of glycosyl hydrolases. [provided by RefSeq, Jul 2012]
Function	Involved in the maturation of Asn-linked oligosaccharides. Progressively trim alpha-1,2-linked mannose residues from Man(9)GlcNAc(2) to produce Man(5)GlcNAc(2). [UniProt]
Calculated Mw	73 kDa
Cellular Localization	Golgi apparatus membrane; Single-pass type II membrane protein. [UniProt]

Images



ARG40356 anti-MAN1A1 antibody WB image

Western blot: 25 µg of A549 cell lysate stained with ARG40356 anti-MAN1A1 antibody at 1:1000 dilution.