

MAN1C1 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22200a

Product Information

Application	WB, E
Primary Accession	Q9NR34
Reactivity	Human
Predicted	Mouse, Rat, Bovine
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55226
Calculated MW	70911

Additional Information

Gene ID	57134
Other Names	Mannosyl-oligosaccharide 1, 2-alpha-mannosidase IC, 3.2.1.113, HMIC, Mannosidase alpha class 1C member 1, Processing alpha-1, 2-mannosidase IC, Alpha-1, 2-mannosidase IC, MAN1C1, MAN1A3, MAN1C
Target/Specificity	This MAN1C1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 89-120 amino acids from human MAN1C1.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	MAN1C1 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MAN1C1
Synonyms	MAN1A3, MAN1C
Function	Involved in the maturation of Asn-linked oligosaccharides. Trim

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.

Cellular Location

Golgi apparatus membrane; Single-pass type II membrane protein

Tissue Location

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

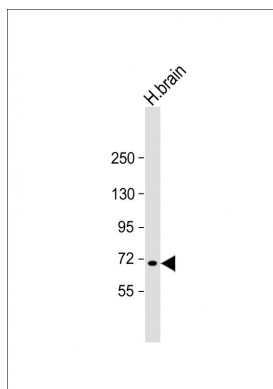
Background

Involved in the maturation of Asn-linked oligosaccharides. Trim 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.

References

Tremblay L.O.,et al.J. Biol. Chem. 275:31655-31660(2000).
Gregory S.G.,et al.Nature 441:315-321(2006).

Images



Anti-MAN1C1 Antibody (N-Term) at 1:2000 dilution + human brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 71 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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