10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MAN1A2 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22014c

Specification

MAN1A2 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	O60476
Reactivity	**Human**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**73004**
Antigen Region	**342-373**

MAN1A2 Antibody (Center) - Additional Information

Gene ID 10905

Other Names
Mannosyl-oligosaccharide 1, 2-alpha-mannosidase IB, 3.2.1.113, Mannosidase alpha class 1A member 2, Processing alpha-1, 2-mannosidase IB, Alpha-1, 2-mannosidase IB, MAN1A2, MAN1B

Target/Specificity
This MAN1A2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 342-373 amino acids from the Central region of human MAN1A2.

Dilution
WB~~1:2000

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
MAN1A2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

MAN1A2 Antibody (Center) - Protein Information

Name MAN1A2

Synonyms MAN1B

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).

Cellular Location
Golgi apparatus membrane; Single-pass type II membrane protein

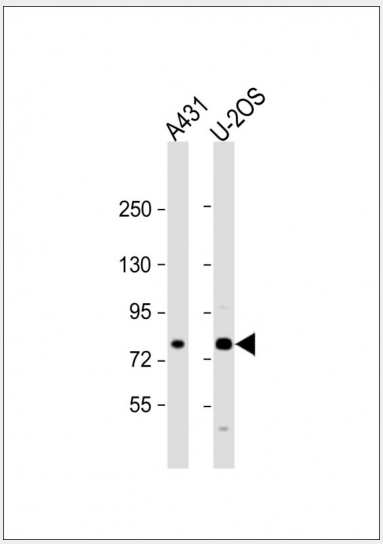
Tissue Location
Highest levels of expression in placenta and testis

MAN1A2 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MAN1A2 Antibody (Center) - Images



All lanes : Anti-MAN1A2 Antibody (Center) at 1:2000 dilution Lane 1: A431 whole cell lysate Lane 2: U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 73 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

MAN1A2 Antibody (Center) - Background

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).

MAN1A2 Antibody (Center) - References

Tremblay L.O.,et al.Glycobiology 8:585-595(1998).

Gregory S.G.,et al.Nature 441:315-321(2006).
Bienvenut W.V.,et al.Mol. Cell. Proteomics 11:M111.015131-M111.015131(2012).
Van Damme P.,et al.Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012).