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MAN1a1 (N2) Antibody, Rabbit Polyclonal

Cat#: R0953-2

Quantity: 100 ul

Predicted M.W.: 73 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P33908

Background:

Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA (MAN1A1) is a type II transmembrane protein that belongs to the glycosyl hydrolase 47 family. It is involved in the maturation of Asn-linked oligosaccharides. MAN1A1 catalyzes the hydrolysis of the terminal (1->2)-linked alpha-D-mannose residues in the oligo-mannose oligosaccharide Man(9)-GlcNAc(2). It progressively trims alpha-1,2-linked mannose residues from Man(9)GlcNAc(2) to produce Man(5)GlcNAc(2).

Other Names:

Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA, Man(9)-alpha-mannosidase, Man9-mannosidase, Mannosidase alpha class 1A member 1, Processing alpha-1,2-mannosidase IA, Alpha-1,2-mannosidase IA

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human MAN1a1. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:500-1:1,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

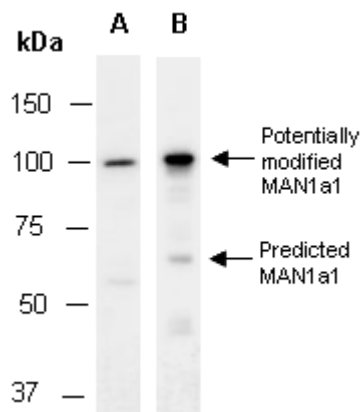


Fig 1. Western blot of total cell extracts from human A431, using (A) Ab (R0953-1), (B) Ab (R0953-2) at RT for 2 h.