

For Research Use Only

MAN2C1 Polyclonal antibody

Catalog Number: 19189-1-AP



Basic Information

Catalog Number:

19189-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6284

GenBank Accession Number:

BC050550

GeneID (NCBI):

4123

UNIPROT ID:

Q9NTJ4

Full Name:

mannosidase, alpha, class 2C,
member 1

Calculated MW:

116 kDa

Observed MW:

116 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse liver tissue, rat liver tissue

Background Information

Alpha mannosidase 2C1 (MAN2C1) is an alpha-mannosidase, involved in the trimming of free oligosaccharides in the cytosol. MAN2C1 cleaves alpha 1,2-, alpha 1,3-, and alpha 1,6-linked mannose residues on cytoplasmic free oligosaccharides generated by N-glycoprotein degradation pathways (PMID: 16848760). Impaired catabolism of free oligosaccharides due to MAN2C1 variants causes a neurodevelopmental disorder (PMID: 35045343).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

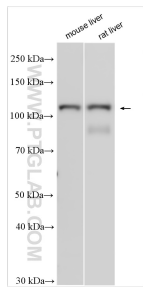
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 19189-1-AP (MAN2C1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.