

For Research Use Only

MAN2C1 Polyclonal antibody

Catalog Number: 19189-1-AP



Basic Information

Catalog Number: 19189-1-AP	GenBank Accession Number: BC050550	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop;	GeneID (NCBI): 4123	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q9NTJ4	
Isotype: IgG	Full Name: mannosidase, alpha, class 2C, member 1	
Immunogen Catalog Number: AG6284	Calculated MW: 116 kDa	
	Observed MW: 116 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse liver tissue, rat liver tissue
Species Specificity: human, mouse, rat	

Background Information

Alpha mannosidase 2C1(MAN2C1) an alpha-mannosidase, is 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 cytoplasmatic 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

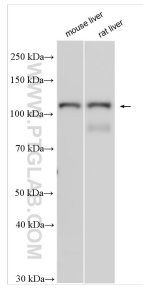
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.