

Product Datasheet

alpha 1 Mannosidase 1A Antibody NB600-977

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB600-977**alpha 1 Mannosidase 1A Antibody****Product Information**

Unit Size	0.1 ml
Concentration	0.7 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	10mM PBS (pH 7.4) and 1.0% BSA
Target Molecular Weight	73 kDa

Product Description

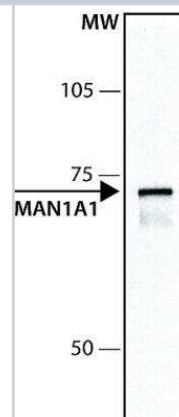
Host	Rabbit
Gene ID	4121
Gene Symbol	MAN1A1
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects alpha 1,2-Mannosidase IA.
Immunogen	Synthetic peptide corresponding to amino acids 138-154 of human alpha 1,2 Mannosidase IA, with N-terminal added cysteine, conjugated to KLH.

Product Application Details

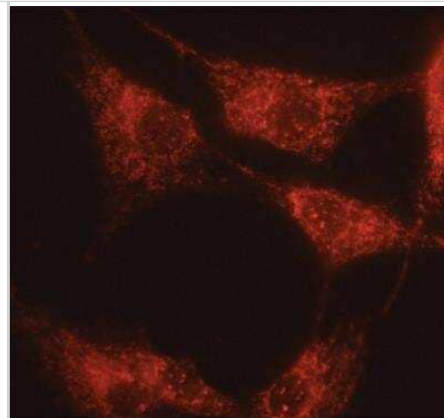
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.5-1.0 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 5-10 ug/ml
Application Notes	Western Blot: Use a whole extract of mouse NIH 3T3 cells, and a chemiluminescence detection agent. Immunofluorescence: Use human HepG2 cells or rat NRK cells.

Images

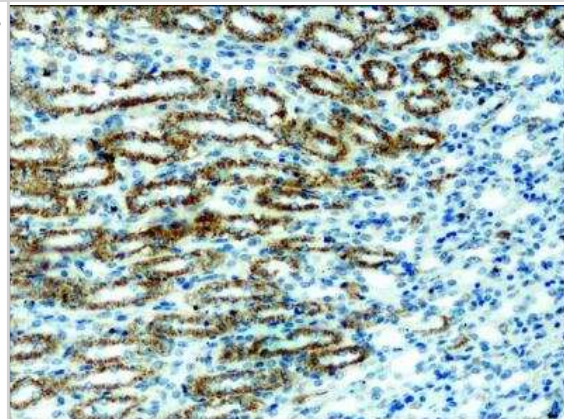
Western Blot: alpha 1 Mannosidase 1A Antibody [NB600-977] - Whole extract of HepG2 cells was separated on SDS-PAGE and probed with 0.5 ug/mL Rabbit Anti-alpha 1 Mannosidase 1A. The antibody was developed using Goat Anti-Rabbit IgG-Peroxidase and a chemiluminescent substrate.



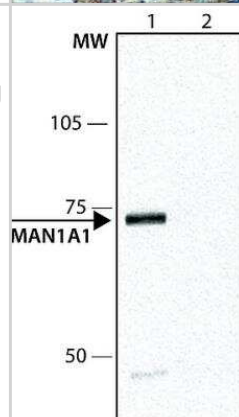
Immunocytochemistry/Immunofluorescence: alpha 1 Mannosidase 1A Antibody [NB600-977] - NRK cells were fixed and permeabilized with cold methanol followed by cold methanol:acetone (1:1). Fixed cells were stained with 10 ug/mL Rabbit Anti-alpha 1 Mannosidase 1A. The antibody was developed using Goat Anti-Rabbit IgG, Cy3 conjugate.



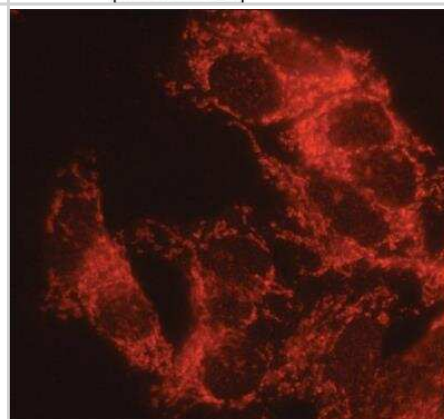
Immunohistochemistry: alpha 1 Mannosidase 1A Antibody [NB600-977] - Immunoperoxidase staining of Anti-alpha 1 Mannosidase 1A in formalin fixed, paraffin-embedded mouse kidney at 0.4 ug/mL.



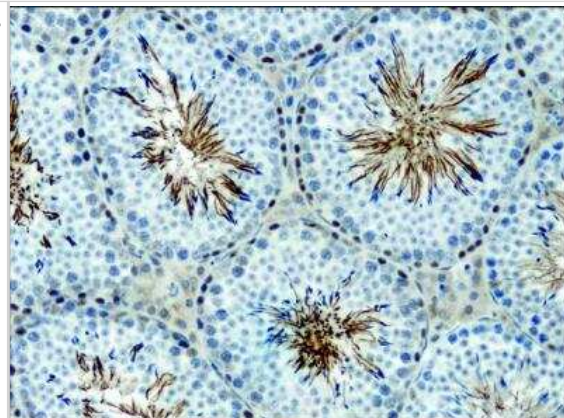
Western Blot: alpha 1 Mannosidase 1A Antibody [NB600-977] - Whole extract of 3T3 cells was separated on SDS-PAGE and probed with Rabbit Anti-alpha 1 Mannosidase 1A. The antibody was developed using Goat Anti-Rabbit IgG-Peroxidase and a chemiluminescent substrate. Lanes: 1. 1 ug/mL antibody 2. 1 ug/mL antibody + alpha 1 Mannosidase 1A immunizing peptide (human, 138-154)



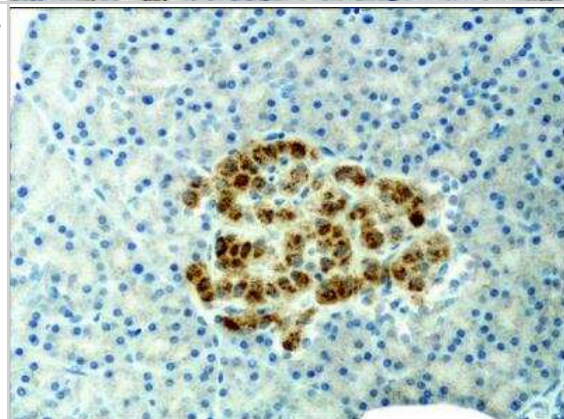
Immunocytochemistry/Immunofluorescence: alpha 1 Mannosidase 1A Antibody [NB600-977] - HepG2 cells were fixed and permeabilized with cold methanol followed by cold methanol:acetone (1:1). Fixed cells were stained with 10 ug/mL Rabbit Anti-alpha 1 Mannosidase 1A. The antibody was developed using Goat Anti-Rabbit IgG, Cy3 conjugate.



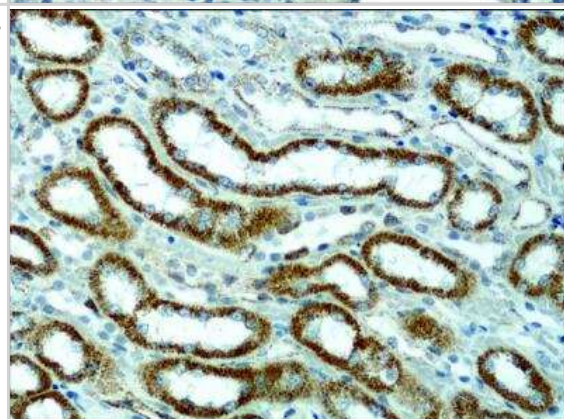
Immunohistochemistry: alpha 1 Mannosidase 1A Antibody [NB600-977] - Immunoperoxidase staining of Anti-alpha 1 Mannosidase 1A in formalin fixed, paraffin-embedded mouse testis at 0.4 ug/mL.



Immunohistochemistry: alpha 1 Mannosidase 1A Antibody [NB600-977] - Immunoperoxidase staining of Anti-alpha 1 Mannosidase 1A in formalin fixed, paraffin-embedded rat pancreas at 0.2 ug/mL.



Immunohistochemistry: alpha 1 Mannosidase 1A Antibody [NB600-977] - Immunoperoxidase staining of Anti-alpha 1 Mannosidase 1A in formalin fixed, paraffin-embedded rat kidney at 0.2 ug/mL.





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Products Related to NB600-977

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00004121-P01-10ug	Recombinant Human alpha 1 Mannosidase 1A GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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