

Rabbit Mannosidase II Polyclonal Antibody | anti-MAN2A1 antibody

Mannosidase II Antibody

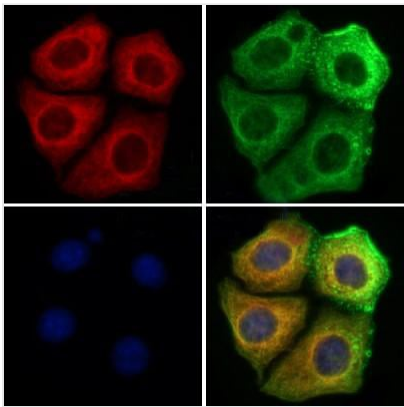
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328905	Rabbit	Human, Mouse, Rat, Monkey Predicted Reactivity: Pig(88%), Bovine(88%), Sheep(88%), Rabbit(100%), Dog(88%), Chicken(88%), Xenopus(88%)	ELISA, Immunocytochemistry, Immunofluorescence

PRODUCT SYNONYMS

Mannosidase II; Polyclonal Antibody; Mannosidase II Antibody; 3-1; 6-alpha-mannosidase; Alpha mannosidase 2; alpha Mannosidase II; Alpha-mannosidase 2; AMAN II; Golgi alpha mannosidase II; Golgi alpha-mannosidase II; Golgi integral membrane protein 7; GOLIM7; MA2A1_HUMAN; MAN II; Man2a1; MANA 2; MANA2; MANII; Mann II; Mannosidase alpha class 2A member 1; Mannosidase Two; Mannosidase; alpha type II; alpha; II; Mannosyl oligosaccharide 1 3 1 6 alpha mannosidase; Mannosyl oligosaccharide 1; 3 1; 6 alpha mannosidase; Mannosyl-oligosaccharide 1; anti-MAN2A1 antibody

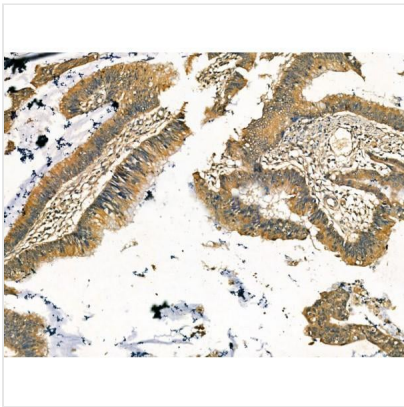
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey Predicted Reactivity: Pig(88%), Bovine(88%), Sheep(88%), Rabbit(100%), Dog(88%), Chicken(88%), Xenopus(88%)
Clonality	Polyclonal
Isotype	IgG
Specificity	Mannosidase II Antibody detects endogenous levels of total Mannosidase II.
Purity/Purification	Peptide affinity purification
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	1144
Applicable Applications for anti-MAN2A1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	A synthesized peptide derived from human Mannosidase II, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



IF (Immunofluorescence)

AAA328905 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA328905 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



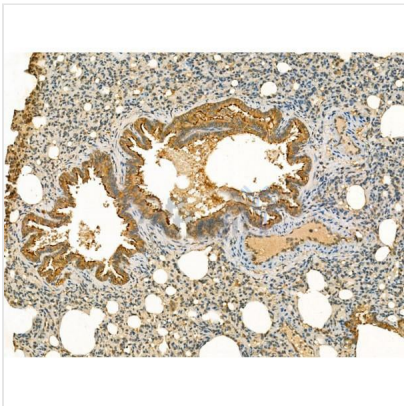
IHC (Immunohistochemistry)

AAA328905 at 1/100 staining Human colorectal cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



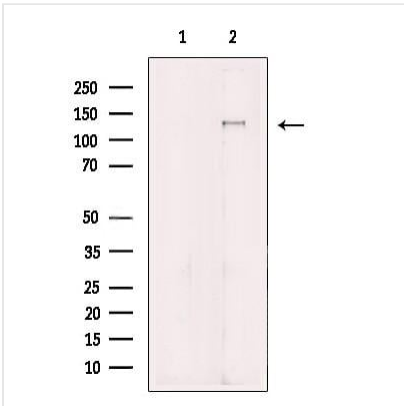
IHC (Immunohistochemistry)

AAA328905 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA328905 at 1/100 staining Rat lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from COS7, using Mannosidase II Antibody. The lane on the left was treated with blocking peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51477714
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NCBI GeneID	4124
NCBI Accession #	NP_002363.2
NCBI GenBank Nucleotide #	NP_002363.2
UniProt Accession #	Q16706
Molecular Weight	Observed Molecular Weight: (Observed)131kD. Predicted Molecular Weight: (Calculated)131kDa.
NCBI Official Full Name	alpha-mannosidase 2
NCBI Official Synonym Full Names	mannosidase alpha class 2A member 1
NCBI Official Symbol	MAN2A1
NCBI Official Synonym Symbols	MANA2; MANII; GOLIM7; AMan II
NCBI Protein Information	alpha-mannosidase 2
UniProt Protein Name	Alpha-mannosidase 2
UniProt Gene Name	MAN2A1
UniProt Synonym Gene Names	MANA2; AMan II; Man II
UniProt Entry Name	MA2A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mannosidase-ii-antibody-immunocytochemistry-immunofluorescence-elisa/328905>