

Rabbit anti-Human, mouse MAN2A2 Polyclonal Antibody | anti-MAN2A2 antibody

MAN2A2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289116	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

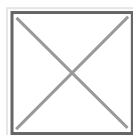
PRODUCT SYNONYMS

MAN2A2; Polyclonal Antibody; MAN2A2 Antibody (Center); Alpha-mannosidase 2x; Alpha-mannosidase IIx; Man IIx; Mannosidase alpha class 2A member 2; Mannosyl-oligosaccharide 1; 3-1; 6-alpha-mannosidase; MANA2X; anti-MAN2A2 antibody

PRODUCT SPECIFICATIONS

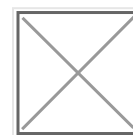
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MAN2A2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 767-796 amino acids from the Central region of human MAN2A2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	767-796
Sequence Length	796
Applicable Applications for anti-MAN2A2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Catalyzes the first committed step in the bio synthesis of complex N-glycans. It controls conversion of high mannose to complexN-glycans; the final hydrolytic step in theN-glycan maturation pathway.
Cellular Location	Golgi apparatus membrane; Single-pass type II membrane protein
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

MAN2A2 Antibody (Center)(AAA289116) flow cytometric analysis of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

MAN2A2 Antibody (Center) (AAA289116) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MAN2A2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

MAN2A2 Antibody (Center) (AAA289116) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the MAN2A2 antibody detected the MAN2A2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MAN2A2 antibody	MAN2A2 catalyzes the first committed step in the biosynthesis of complex N-glycans. It controls conversion of high mannose to complex N-glycans; the final hydrolytic step in the N-glycan maturation pathway.
Product Categories/Family for anti-MAN2A2 antibody	Signal Transduction
References	Lesch, K.P., et al. J Neural Transm 115(11):1573-1585(2008) Stelzl, U., et al. Cell 122(6):957-968(2005) Hillman, R.T., et al. Genome Biol. 5 (2), R8 (2004) : Misago, M., et al. Proc. Natl. Acad. Sci. U.S.A. 92(25):11766-11770(1995)

NCBI AND UNIPROT INFORMATION

NCBI GI #	51477716
NCBI GeneID	4122
NCBI Accession #	NP_006113.2
NCBI GenBank Nucleotide #	NM_006122.2
UniProt Accession #	P49641 ; Q13754 ; A6NH12 ; A8K1E8
NCBI Official Full Name	alpha-mannosidase 2x
NCBI Official Synonym Full Names	mannosidase, alpha, class 2A, member 2
NCBI Official Symbol	MAN2A2
NCBI Official Synonym Symbols	MANA2X
NCBI Protein Information	alpha-mannosidase 2x
UniProt Protein Name	Alpha-mannosidase 2x
UniProt Gene Name	MAN2A2
UniProt Synonym Gene Names	MANA2X; Man IIx
UniProt Entry Name	MA2A2_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://stage.aaabiotech.com/polyclonal/man2a2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289116>