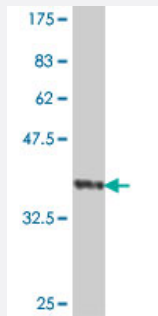


MAN2A1 polyclonal antibody (A01)

Catalog # H00004124-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant MAN2A1.
Immunogen	MAN2A1 (NP_002363, 1045 a.a. ~ 1144 a.a) partial recombinant protein with GST tag.
Sequence	DIHLVNLRTIQSKVGNGHSNEAALILHRKGFDCRFSSKGTGLFCSTTQGKILVQKLLNKFIVESLTPS SLSLMHSPPGTQNISEINLSPMEISTFRIQLR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (80); Rat (74)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MAN2A1

Entrez GeneID [4124](#)

GeneBank Accession# [NM_002372](#)

Protein Accession# [NP_002363](#)

Gene Name MAN2A1

Gene Alias GOLIM7, MANA2, MANII

Gene Description mannosidase, alpha, class 2A, member 1

Omim ID [154582](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein which is a member of family 38 of the glycosyl hydrolases. The protein is located in the Golgi and catalyzes the final hydrolytic step in the asparagine-linked oligosaccharide (N-glycan) maturation pathway. Mutations in the mouse homolog of this gene have been shown to cause a systemic autoimmune disease similar to human systemic lupus erythematosus. [provided by RefSeq]

Other Designations Golgi alpha-mannosidase II|golgi integral membrane protein 7|mannosidase, alpha type II|mannosyl-oligosaccharide 1,3-1,6-alpha-mannosidase

Pathway

- [Metabolic pathways](#)
- [N-Glycan biosynthesis](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)

- [Lupus Erythematosus](#)
- [Tobacco Use Disorder](#)