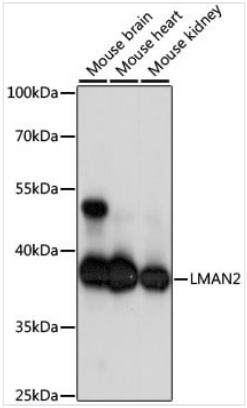
LMAN2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LMAN2, Polyclonal Antibody
Full Product Name	LMAN2 Polyclonal Antibody
Product Gene Name	anti-LMAN2 antibody
Product Synonym Names	C5orf8; Glycoprotein GP36b; GP36B; Lectin mannose-binding 2; Lectin; mannose binding 2; LMAN 2; LMAN2; LMAN2; Vesicular integral membrane protein VIP36; Vesicular integral-membrane protein 36; Vesicular integral-membrane protein VIP36; VIP36
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity/Purification	Affinity Purification
Concentration	1 mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	Calculated: 40kDa Observed: 39kDa
3D Structure	ModBase 3D Structure for Q12907
Immunogen	Recombinant protein of human LMAN2
Conjugation	Unconjugated
Product Categories/Family for anti-LMAN2 antibody	Cancer; Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LMAN2 antibody	Western Blot (WB)
Application Notes for anti-LMAN2 antibody	WB: 1:200-1:2000
Related Product Information for anti-LMAN2 antibody	This gene encodes a type I transmembrane lectin that shuttles between the endoplasmic reticulum, the Golgi apparatus and the plasma membrane. The encoded protein binds high mannose type glycoproteins and may facilitate their sorting, trafficking and quality control.
Other Notes	Small volumes of anti-LMAN2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for LMAN2 purchase	MBS2555674 is an antibody targeting LMAN2. Also known as LMAN2 Polyclonal Antibody. Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-LMAN2 antibody
Western blot analysis of extracts of various cell lines, using LMAN2 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LMAN2. It may not necessarily be applicable to this product.

NCBI GI #	5803023
NCBI GeneID	10960
NCBI Accession #	NP_006807.1
UniProt Primary Accession #	Q12907
UniProt Secondary Accession #	Q53HH1
UniProt Related Accession #	Q12907
GenBank Nucleotide #	NM_006816.3
NCBI Official Full Name	vesicular integral-membrane protein VIP36
NCBI Official Synonym Full Names	lectin, mannose binding 2
NCBI Official Symbol	LMAN2
NCBI Official Synonym Symbols	GP36B; VIP36; C5orf8
UniProt Protein Name	Vesicular integral-membrane protein VIP36
UniProt Synonym Protein Names	Glycoprotein GP36b; Lectin mannose-binding 2; Vesicular integral-membrane protein 36; VIP36
Protein Family	Vesicular integral-membrane protein
UniProt Gene Name	LMAN2
UniProt Synonym Gene Names	C5orf8; VIP36
NCBI Protein Information	vesicular integral-membrane protein VIP36
UniProt Comments for LMAN2	Plays a role as an intracellular lectin in the early secretory pathway. Interacts with N-acetyl-D-galactosamine and high-mannose type glycans and may also bind to O-linked glycans. Involved in the transport and sorting of glycoproteins carrying high mannose-type glycans ().
Research Articles on LMAN2	**1.** data thus reveal a Golgi-traversing pathway for exosomal release of the cargo protein GPRC5B in which CD2AP facilitates the entry and LMAN2 impedes the exit of the flux, respectively.
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