

LMAN2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16328b**Specification**

LMAN2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q12907
Other Accession	Q9DBH5 , NP_006807.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	40229
Antigen Region	285-314

LMAN2 Antibody (C-term) - Additional Information**Gene ID** 10960**Other Names**

Vesicular integral-membrane protein VIP36, Glycoprotein GP36b, Lectin mannose-binding 2, Vesicular integral-membrane protein 36, VIP36, LMAN2, C5orf8

Target/Specificity

This LMAN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 285-314 amino acids from the C-terminal region of human LMAN2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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.

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.

Precautions

LMAN2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

LMAN2 Antibody (C-term) - Protein Information**Name** LMAN2

Synonyms C5orf8

Function 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 (By similarity).

Cellular Location

Endoplasmic reticulum-Golgi intermediate compartment membrane; Single-pass type I membrane protein. Golgi apparatus membrane; Single-pass membrane protein. Endoplasmic reticulum membrane; Single-pass type I membrane protein

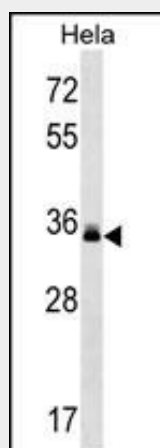
Tissue Location

Ubiquitous.

LMAN2 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LMAN2 Antibody (C-term) - Images

LMAN2 Antibody (C-term) (Cat. #AP16328b) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the LMAN2 antibody detected the LMAN2 protein (arrow).

LMAN2 Antibody (C-term) - Background

LMAN2 is 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.

LMAN2 Antibody (C-term) - References

Reiterer, V., et al. Traffic 11(8):1044-1055(2010)
Kottgen, A., et al. Nat. Genet. 42(5):376-384(2010)
Nawa, D., et al. Glycobiology 17(9):913-921(2007)
Kawasaki, N., et al. J. Biochem. 141(2):221-229(2007)
Kamiya, Y., et al. J. Biol. Chem. 280(44):37178-37182(2005)