

LMAN2L/VIPL Rabbit pAb

Catalog # AP99323

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9H0V9
Other Accession	Q9H0V9
Predicted	Rat, Pig, Human, Mouse, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39711
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LMAN2L/VIPL
Epitope Specificity	45-140/348
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 L-type lectin-like domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Lectin mannose-binding 1, also designated vesicular integral-membrane protein (VIP36), and lectin mannose-binding 2, also designated ERGIC-53, comprise a family of membrane bound, ubiquitously expressed proteins involved in the selective transport of newly synthesized glycoproteins from the endoplasmic reticulum to the ER-Golgi intermediate compartment. VIPL (VIP36-like protein), also known as LMAN2L (lectin, mannose-binding 2-like), is a 348 amino acid single-pass type I membrane protein that localizes to the endoplasmic reticulum and Golgi apparatus. Containing one L-type lectin-like domain, VIPL is highly expressed in skeletal muscle and kidney, and is found at intermediate levels in heart, liver and placenta, and low levels in brain, thymus, spleen, small intestine and lung. VIPL is suggested to be involved in the regulation of export from the endoplasmic reticulum of a subset of glycoproteins. VIPL may function as a regulator of ERGIC-53. VIPL exists a two alternatively spliced isoforms.

Additional Information

Gene ID	81562
Other Names	MRD69; MRT52; VIPL; A630028F14Rik; VIP36-like; LMA2L_HUMAN; LMAN2L; Lectin mannose-binding 2-like (LMAN2-like protein); LMA2L_MOUSE; lectin, mannose binding 2 like; lectin, mannose-binding 2-like
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	LMAN2L
Synonyms	VIPL
Function	May be involved in the regulation of export from the endoplasmic reticulum of a subset of glycoproteins. May function as a regulator of ERGIC-53.
Cellular Location	Endoplasmic reticulum membrane; Single-pass type I membrane protein. Golgi apparatus membrane; Single-pass type I membrane protein. Note=Predominantly found in the endoplasmic reticulum. Partly found in the Golgi
Tissue Location	Expressed in numerous tissues. Highest expression in skeletal muscle and kidney, intermediate levels in heart, liver and placenta, low levels in brain, thymus, spleen, small intestine and lung.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.