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LMBR1L Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57031

Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q6UX01
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55209
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LMBR1L
Epitope Specificity	1-100/489
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell Membrane; Multi-pass membrane protein.
SIMILARITY	Belongs to the LIMR family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	LMBR1L is a probable LCN1 receptor and may mediate LCN1 endocytosis.

Additional Information

Gene ID	55716
Other Names	Protein LMBR1L, Limb region 1 protein homolog-like, Lipocalin-1-interacting membrane receptor, LIMR, LMBR1L, KIAA1174, LIMR
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
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	LMBR1L
Synonyms	KIAA1174, LIMR

Function	Plays an essential role in lymphocyte development by negatively regulating the canonical Wnt signaling pathway (By similarity). In association with UBAC2 and E3 ubiquitin-protein ligase AMFR, promotes the ubiquitin-mediated degradation of CTNNB1 and Wnt receptors FZD6 and LRP6 (By similarity). LMBR1L stabilizes the beta- catenin destruction complex that is required for regulating CTNNB1 levels (By similarity). Acts as a LCN1 receptor and can mediate its endocytosis (PubMed:11287427, PubMed:12591932, PubMed:23964685).
Cellular Location	Cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein
Tissue Location	Expressed in testis, pituitary gland, adrenal gland, trachea, placenta, thymus, cerebellum, stomach, mammary gland, spinal cord. A weaker expression is detected in colon, pancreas, and prostate.