

**LMBR1L Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP9794b****Specification**

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**LMBR1L Antibody (C-term) - Product Information**

Application	FC, IHC-P, WB,E
Primary Accession	<a href="#">Q6UX01</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	55209
Antigen Region	462-489

**LMBR1L Antibody (C-term) - Additional Information****Gene ID** 55716**Other Names**

Protein LMBR1L, Limb region 1 protein homolog-like, Lipocalin-1-interacting membrane receptor, Lipocalin-interacting membrane receptor, LMBR1L, KIAA1174, LIMR

**Target/Specificity**

This LMBR1L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 462-489 amino acids from the C-terminal region of human LMBR1L.

**Dilution**

FC~~1:10~50

IHC-P~~1:50~100

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**

LMBR1L Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**LMBR1L Antibody (C-term) - Protein Information****Name** LMBR1L

**Synonyms** KIAA1174, LMR

**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). LMR1L 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

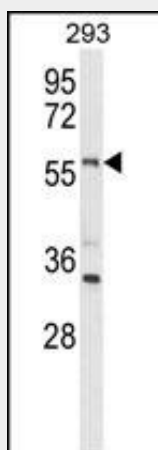
**Tissue Location**

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.

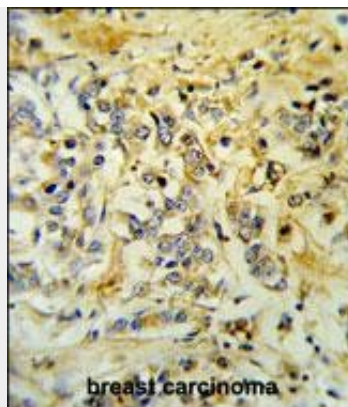
**LMBR1L Antibody (C-term) - Protocols**

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

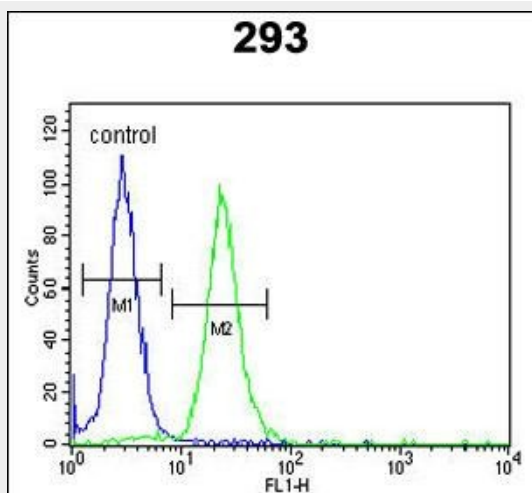
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**LMBR1L Antibody (C-term) - Images**

Western blot analysis of LMR1L Antibody (C-term) (Cat. #AP9794b) in 293 cell line lysates (35ug/lane). LMR1L (arrow) was detected using the purified Pab.



LMBR1L Antibody (C-term) (Cat. #AP9794b) IHC analysis in formalin fixed and paraffin embedded breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the LMBR1L Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



LMBR1L Antibody (C-term) (Cat. #AP9794b) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **LMBR1L Antibody (C-term) - References**

- Rutsch, F., et al. Nat. Genet. 41(2):234-239(2009)
- Fluckinger, M., et al. Biochim. Biophys. Acta 1778(1):342-347(2008)
- Zhang, Z., et al. Gene 369, 66-71 (2006) :
- Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)
- Wojnar, P., et al. J. Biol. Chem. 278(18):16209-16215(2003)