

## 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

**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.

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