

For Research Use Only

# LMBR1L Polyclonal antibody

Catalog Number: 12154-1-AP



## Basic Information

**Catalog Number:**

12154-1-AP

**Size:**

150ul , Concentration: 400 ug/ml by Nanodrop and 253 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2787

**GenBank Accession Number:**

BC015015

**GeneID (NCBI):**

55716

**UNIPROT ID:**

Q6UX01

**Full Name:**

limb region 1 homolog (mouse)-like

**Calculated MW:**

489 aa, 55 kDa

**Observed MW:**

57 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

WB, IP, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB : mouse testis tissue, A549 cells, HepG2 cells, mouse liver tissue, rat testis tissue

IP : HepG2 cells,

## Background Information

LMBR1L, also known as LMR (lipocalin-1-interacting membrane receptor), interacts with lipocalin-1 (Lcn-1), a lipocalin member produced by a number of secretoric glands and tissues and known to bind a variety of lipophilic compounds. LMBR1L is a 489-amino acid protein with a predicted molecular mass of 55 kD and 9 putative transmembrane helices. LMBR1L has been shown to mediate cellular uptake of LMBR1L, thus it is characterized as a endocytic receptor (PMID: 11287427; 12591932). Alternatively spliced transcript variants encoding different isoforms have been described.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

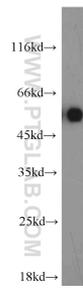
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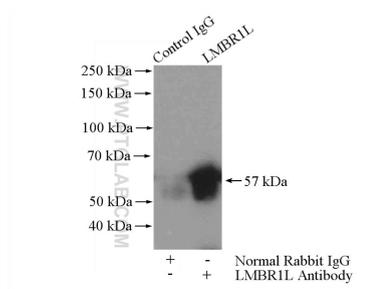
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## Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 12154-1-AP (LMBR1L antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-LMBR1L (IP:12154-1-AP, 4ug; Detection:12154-1-AP 1:500) with HepG2 cells lysate 3200ug.