Datasheet for ABIN7599437

anti-LMBR1L antibody (AA 1-489)

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Overview

Quantity:	100 µg
Target:	LMBR1L
Binding Specificity:	AA 1-489
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LMBR1L antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-LMBR1L Antibody Picoband®
Immunogen:	E.coli-derived human LMBR1L recombinant protein (Position: M1-Q489). Human LMBR1L shares 95.5% amino acid (aa) sequence identity with mouse LMBR1L.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-LMBR1L Antibody Picoband® (ABIN7599437). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	LMBR1L
Alternative Name:	LMBR1L (LMBR1L Products)
Background:	Synonyms: LMBR1L, KIAA1174, LIMR, UNQ458/PRO783, Protein LMBR1L, Limb region 1 protein homolog-like, Lipocalin-1-interacting membrane receptor, LIMR Background: Enables transmembrane signaling receptor activity. Involved in receptor-mediated endocytosis and signal transduction. Located in endoplasmic reticulum membrane and plasma membrane.
Molecular Weight:	57 kDa
Gene ID:	55716

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL 1. Choi, J. H., Zhong, X., McAlpine, W., Liao, T.-C., Zhang, D., Fang, B., Russell, J., Ludwig, S., Nair-Gill, E., Zhang, Z., Wang, K., and 10 others. LMBR1L regulates lymphopoiesis through Wnt/beta-catenin signaling. Science 364: eaau0812, 2019. Note: Electronic Article. 2. Hirosawa, M., Nagase, T., Ishikawa, K., Kikuno, R., Nomura, N., Ohara, O. Characterization of cDNA clones selected by the GeneMark analysis from size-fractionated cDNA libraries from human brain. DNA Res. 6: 329-336, 1999. 3. Wojnar, P., Lechner, M., Mershak, P., Redl, B. Molecular cloning of a novel lipocalin-1 interacting human cell membrane receptor using phage display. J. Biol. Chem. 276: 20206-20212, 2001.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.

It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.