

Datasheet for ABIN2463288

anti-LMBR1 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	LMBR1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LMBR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human LMBR1.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	LMBR1
Alternative Name:	LMBR1 (LMBR1 Products)
Background:	LMBR1 is a member of the LMBR1-like membrane protein family. Another member of this protein family has been shown to be a lipocalin transmembrane receptor. A highly conserved, cis-acting regulatory module for the sonic hedgehog gene is located within an intron of LMBR1 gene. Consequently, disruption of this genic region can alter sonic hedgehog expression and affect limb patterning, but it is not known if LMBR1 gene functions directly in limb development.

Target Details

Mutations and chromosomal deletions and rearrangements in this genic region are associated with acheiropody and preaxial polydactyly, which likely result from altered sonic hedgehog expression. This gene encodes a member of the LMBR1-like membrane protein family. Another member of this protein family has been shown to be a lipocalin transmembrane receptor. A highly conserved, cis-acting regulatory module for the sonic hedgehog gene is located within an intron of this gene. Consequently, disruption of this genic region can alter sonic hedgehog expression and affect limb patterning, but it is not known if this gene functions directly in limb development. Mutations and chromosomal deletions and rearrangements in this genic region are associated with acheiropody and preaxial polydactyly, which likely result from altered sonic hedgehog expression. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Molecular Weight:	55 kDa
Gene ID:	64327
NCBI Accession:	NP_071903
UniProt:	Q8WVP7

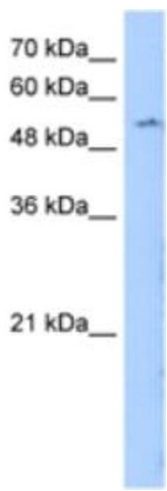
Application Details

Application Notes:	LMBR1 antibody can be used for detection of LMBR1 by ELISA at 1:1562500. LMBR1 antibody can be used for detection of LMBR1 by western blot at 0.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store LMBR1

antibody at -20 °C.



Western Blotting

Image 1.