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LMBR1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17299c

Specification

LMBR1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q8WVP7
Other Accession	Q9JIT0, NP_071903.2
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**55098**
Antigen Region	**262-290**

LMBR1 Antibody (Center) - Additional Information

Gene ID 64327

Other Names
Limb region 1 protein homolog, Differentiation-related gene 14 protein, LMBR1, C7orf2, DIF14

Target/Specificity
This LMBR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 262-290 amino acids from the Central region of human LMBR1.

Dilution
WB~~1:1000

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
LMBR1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

LMBR1 Antibody (Center) - Protein Information

Name LMBR1

Synonyms C7orf2, DIF14

Function Putative membrane receptor.

Cellular Location
Membrane; Multi-pass membrane protein

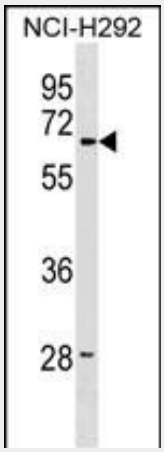
Tissue Location
Widely expressed with strongest expression in heart and pancreas.

LMBR1 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LMBR1 Antibody (Center) - Images



LMBR1 Antibody (Center) (Cat. #AP17299c) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the LMBR1 antibody detected the LMBR1 protein (arrow).

LMBR1 Antibody (Center) - Background

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.

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LMBR1 Antibody (Center) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Farooq, M., et al. Eur. J. Hum. Genet. 18(6):733-736(2010)
Rutsch, F., et al. Nat. Genet. 41(2):234-239(2009)
He, F., et al. PLoS ONE 3 (8), E2948 (2008) :
Wang, Z.Q., et al. Biochem. Biophys. Res. Commun. 355(2):312-317(2007)