

**LMBR1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17299c****Specification**

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**LMBR1 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [Q8WVP7](#)

**LMBR1 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 64327

**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**LMBR1 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**LMBR1 Antibody (Center) Blocking Peptide - Images**

**LMBR1 Antibody (Center) Blocking Peptide - Background**

This gene encodes a member of the LMBR1-like membraneprotein 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 achroplasia and preaxial polydactyly, which likely result from altered sonic hedgehog expression.

**LMBR1 Antibody (Center) Blocking Peptide - 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)