

Product datasheet for **TA338605**

LMBR1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-LMBR1 antibody: synthetic peptide directed towards the N terminal of human LMBR1. Synthetic peptide located within the following region: MEGQDEVSAREQHFHSQVRESTICFLLFAILYVVSFYIITRYKRKSDEQE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	55 kDa
Gene Name:	limb development membrane protein 1
Database Link:	NP_071903 Entrez Gene 64327 Human Q8WVP7



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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. 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.

Synonyms:

ACHP; C7orf2; DIF14; LSS; PPD2; THYP; TPT; ZRS

Note:

Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%

Protein Families:

Transmembrane

Product images:

WB Suggested Anti-LMBR1 Antibody Titration:
0.2-1 ug/ml; Positive Control: HepG2 cell lysate