

LEPREL1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 81kDa

Observed MW: Refer to figures

Immunogen:

Recombinant Protein of human LEPREL1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

f

Synonym:

MCVD; MLAT4; LEPREL1;

Catalog #: A8068

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 55214

Isotype: IgG

Swiss Prot: Q8IVL5

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the prolyl 3-hydroxylase subfamily of 2-oxo-glutarate-dependent dioxygenases. These enzymes play a critical role in collagen chain assembly, stability and cross-linking by catalyzing post-translational 3-hydroxylation of proline residues. Mutations in this gene are associated with nonsyndromic severe myopia with cataract and vitreoretinal degeneration, and downregulation of this gene may play a role in breast cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

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