

## LEPREL1

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**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:**

1 mg/ml

**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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