

## LEPRE1

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**Reactivity:**Human Mouse

**Tested applications:**WB

**Recommended Dilution:**WB 1:1000 - 1:2000

**Calculated MW:**83kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human LEPRE1

**Storage Buffer:**

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

**Synonym:**

OI8; GROS1; LEPRE1;

**Catalog #:**A10322

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**64175

**Isotype:**IgG

**Swiss Prot:**Q32P28

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes an enzyme that is a member of the collagen prolyl hydroxylase family. These enzymes are localized to the endoplasmic reticulum and their activity is required for proper collagen synthesis and assembly. Mutations in this gene are associated with osteogenesis imperfecta type VIII. Three alternatively spliced transcript variants encoding different isoforms have been described. Other variants may exist, but their biological validity has not been determined.

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