

PLOD3

Reactivity:Human

Tested applications:WB

Recommended Dilution:WB 1:200 - 1:2000

Calculated MW:85kDa

Observed MW:Refer to figures

Immunogen:

A synthetic peptide of human PLOD3

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

f

Synonym:

LH3;

Catalog #:A2285

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:8985

Isotype:IgG

Swiss Prot:O60568

Purity:Affinity purification

For research use only.

Background:

The protein encoded by this gene is a membrane-bound homodimeric enzyme that is localized to the cisternae of the rough endoplasmic reticulum. The enzyme (cofactors iron and ascorbate) catalyzes the hydroxylation of lysyl residues in collagen-like peptides. The resultant hydroxylysyl groups are attachment sites for carbohydrates in collagen and thus are critical for the stability of intermolecular crosslinks. Some patients with Ehlers-Danlos syndrome type VIB have deficiencies in lysyl hydroxylase activity.

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