

PLOD1

Reactivity:Human

Tested applications:WB IHC

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

Calculated MW:84kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human PLOD1

Storage Buffer:

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

Synonym:

LH; LH1; LLH; EDS6; PLOD;

Background:

Lysyl hydroxylase is a membrane-bound homodimeric protein localized to the cisternae of the 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 VI have deficiencies in lysyl hydroxylase activity.

To place an order, please [Click HERE](#).

Catalog #:A7919

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:5351

Isotype:IgG

Swiss Prot:Q02809

Purity:Affinity purification

For research use only.