

CAB22040

Product Information

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| Product SKU: | CAB22040 | Gene ID: | 5352 | Size: | 20uL, 100uL |
| Clone No: | ARC54359 | Host Species: | Rabbit | Reactivity: | Human,Mouse,Rat |

Additional Information

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| Observed MW: | 100kDa | Conjugate: | Unconjugated |
| Calculated MW: | 85kDa | Isotype: | IgG |

Immunogen Information

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. Mutations in the coding region of this gene are associated with Bruck syndrome. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilution: WB,1:10000 - 1:30000

Synonyms: LH2; TLH; BRKS2; PLOD2/LH2

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 260-380 of human PLOD2/LH2 (NP_000926.2).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.