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Produktinformation

- Forschungsprodukte & Biochemikalien
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- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PLOD2 (Human) IP-WB Antibody Pair

Catalog # : H00005352-PW1 **規格 :** [1 Set]

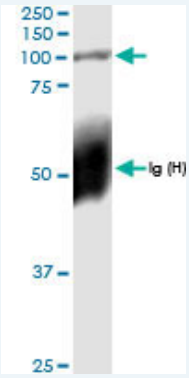
List All

Specification

Product Description: This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

Reactivity: Human

Quality Control Testing: Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of PLOD2 transfected lysate using rabbit polyclonal anti-PLOD2 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-PLOD2.

Supplied Product: Antibody pair set content:
1. Antibody pair for IP: rabbit polyclonal anti-PLOD2 (300 ul)
2. Antibody pair for WB: rabbit polyclonal anti-PLOD2 (50 ul)

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS: Download

Applications

Immunoprecipitation-Western Blot

Protocol Download

Gene Information

Entrez GeneID: 5352

Gene Name: PLOD2

Gene Alias: LH2,TLH

Gene Description: procollagen-lysine, 2-oxoglutarate 5-dioxygenase 2

Omim ID: 601865, 609220

Gene Ontology: Hyperlink

Application Image

Immunoprecipitation-Western Blot

Gene Summary: 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. [provided by RefSeq

Other Designations: lysine hydroxylase 2,lysyl hydroxylase 2,telopeptide lysyl hydroxylase

Gene Pathway

Lysine degradation

Related Disease

Cardiovascular Diseases Diabetes Mellitus, Type 2 Edema
Genetic Predisposition to Disease Ovarian Neoplasms