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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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P4HB (Human) IP-WB Antibody Pair

Catalog # : H00005034-PW1

規格 : [1 Set]

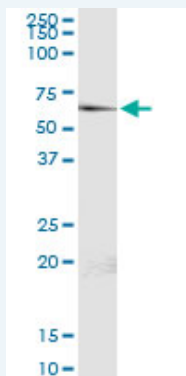
[List All](#)

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 P4HB transfected lysate using rabbit polyclonal anti-P4HB and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-P4HB.

Supplied Product: Antibody pair set content:
1. Antibody pair for IP: rabbit polyclonal anti-P4HB (300 ul)
2. Antibody pair for WB: mouse purified polyclonal anti-P4HB (50 ug)

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: [5034](#)

Gene Name: P4HB

Gene Alias: DSI,ERBA2L,GIT,P4Hbeta,PDI,PDIA1,PHDB,PO4DB,PO4HB,PROHB

Gene Description: prolyl 4-hydroxylase, beta polypeptide

Omim ID: [176790](#)

Gene Ontology: [Hyperlink](#)

Application Image

Immunoprecipitation-Western Blot

Gene Summary: This gene encodes the beta subunit of prolyl 4-hydroxylase, a highly abundant multifunctional enzyme that belongs to the protein disulfide isomerase family. When present as a tetramer consisting of two alpha and two beta subunits, this enzyme is involved in hydroxylation of prolyl residues in procollagen. This enzyme is also a disulfide isomerase containing two thioredoxin domains that catalyze the formation, breakage and rearrangement of disulfide bonds. Other known functions include its ability to act as a chaperone that inhibits aggregation of misfolded proteins in a concentration-dependent manner, its ability to bind thyroid hormone, its role in both the influx and efflux of S-nitrosothiol-bound nitric oxide, and its function as a subunit of the microsomal triglyceride transfer protein complex. [provided by RefSeq]

Other Designations: collagen prolyl 4-hydroxylase beta, glutathione-insulin transhydrogenase, procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), beta polypeptide, prolyl 4-hydroxylase, beta subunit, protein disulfide isomerase family A, member 1, protein d

Related Disease

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