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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PFKM (Human) IP-WB Antibody Pair

Catalog # : H00005213-PW1 **規格 :** [1 Set]

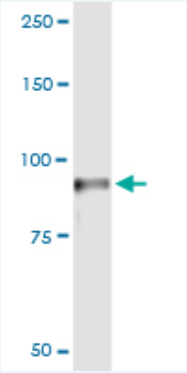
List All

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

Supplied Product: Antibody pair set content:
1. Antibody pair for IP: rabbit polyclonal anti-PFKM (300 ul)
2. Antibody pair for WB: mouse purified polyclonal anti-PFKM (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: 5213

Gene Name: PFKM

Gene Alias: GSD7,MGC8699,PFK-1,PFK-M,PFKX

Gene Description: phosphofructokinase, muscle

Omim ID: 232800, 610681

Gene Ontology: Hyperlink

Application Image

Immunoprecipitation-Western Blot

Gene Summary: The PFKM gene encodes the muscle isoform of phosphofructokinase (PFK) (ATP:D-fructose-6-phosphate-1-phosphotransferase, EC 2.7.1.11). PFK catalyzes the irreversible conversion of fructose-6-phosphate to fructose-1,6-bisphosphate and is a key regulatory enzyme in glycolysis. Mammalian PFK is a tetramer made up of various combinations of 3 subunits: muscle (PFKM), liver (PFKL; MIM 171860), and platelet (PFKP; MIM 171840), the genes for which are located on chromosomes 12q13, 21q22, and 10p, respectively. The composition of the tetramers differs according to the tissue type. Muscle and liver PFK are a homotetramers of 4M and 4L subunits, respectively. Erythrocytes contain both L and M subunits, which randomly tetramerize to form M4, L4, and M3L, M2L2, and ML3 hybrid forms of the holoenzyme (Vora et al., 1980 [PubMed 6444721]; Raben and Sherman, 1995 [PubMed 7550225]).[supplied by OMIM

Other Designations: phosphofructokinase, muscle type,phosphofructokinase, polypeptide X

Gene Pathway

Biosynthesis of alkaloids derived from histidine and purine
Biosynthesis of alkaloids derived from ornithine, lysine and nicotinic acid
Biosynthesis of alkaloids derived from shikimate pathway
Biosynthesis of alkaloids derived from terpenoid and polyketide
Biosynthesis of phenylpropanoids Biosynthesis of plant hormones
Biosynthesis of terpenoids and steroids Fructose and mannose metabolism
Galactose metabolism Glycolysis / Gluconeogenesis Metabolic pathways
Pentose phosphate pathway

Related Disease

Drug Toxicity Edema Hypercholesterolemia Tobacco Use Disorder