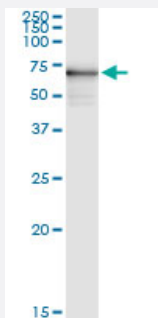


PKLR (Human) IP-WB Antibody Pair

Catalog # H00005313-PW1

Size 1 Set

Applications



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

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 PKLR transfected lysate using rabbit polyclonal anti-PKLR and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-PKLR.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-PKLR (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-PKLR (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.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — PKLR

Entrez GeneID [5313](#)

Gene Name PKLR

Gene Alias PK1, PKL, PKR, PKRL, RPK

Gene Description pyruvate kinase, liver and RBC

Omim ID [266200 609712](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a pyruvate kinase that catalyzes the transphosphorylation of phosphoenolpyruvate into pyruvate and ATP, which is the rate-limiting step of glycolysis. Defects in this enzyme, due to gene mutations or genetic variations, are the common cause of chronic hereditary nonspherocytic hemolytic anemia (CNSHA or HNSHA). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations R-type/L-type pyruvate kinase|pyruvate kinase 1|pyruvate kinase isozyme R/L|pyruvate kinase type L|pyruvate kinase, liver and RBC type|pyruvate kinase, liver and blood cell|red cell/liver pyruvate kinase

Pathway

- [Glycolysis / Gluconeogenesis](#)
- [Insulin signaling pathway](#)
- [Maturity onset diabetes of the young](#)
- [Metabolic pathways](#)
- [Purine metabolism](#)
- [Pyruvate metabolism](#)
- [Type II diabetes mellitus](#)

Disease

- [Diabetes Mellitus](#)
- [Drug Toxicity](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Metabolism](#)
- [Obesity](#)
- [Overweight](#)