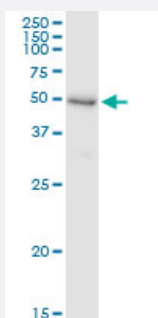


SHPK (Human) IP-WB Antibody Pair

Catalog # H00023729-PW1

Size 1 Set

Applications



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

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
Interspecies Antigen Sequence	Mouse (87); Rat (86)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of SHPK transfected lysate using rabbit polyclonal anti-SHPK and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-SHPK.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-SHPK (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-SHPK (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 — SHPK

Entrez GeneID [23729](#)

Gene Name SHPK

Gene Alias CARKL, FLJ32478, SHK

Gene Description sedoheptulokinase

Omim ID [605060](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene has weak homology to several carbohydrate kinases, a class of proteins involved in the phosphorylation of sugars as they enter a cell, inhibiting return across the cell membrane. Sequence variation between this novel gene and known carbohydrate kinases suggests the possibility of a different substrate, cofactor or changes in kinetic properties distinguishing it from other carbohydrate kinases. The gene resides in a region commonly deleted in cystinosis patients, suggesting a role as a modifier for the cystinosis phenotype. The genomic region is also rich in Alu repetitive sequences, frequently involved in chromosomal rearrangements. [provided by RefSeq]

Other Designations carbohydrate kinase-like

Pathway

- [Carbon fixation in photosynthetic organisms](#)

Disease

- [Cardiovascular Diseases](#)
- [Carotid Stenosis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)