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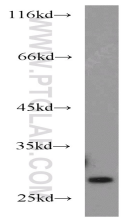
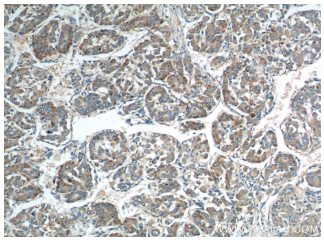
Rab23 Polyclonal Antibody

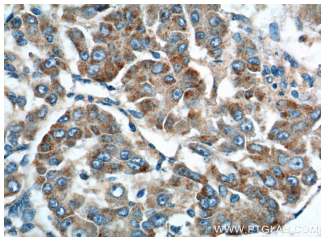
Catalog number: 11101-1-AP
Size: 47 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
RAB23; DKFZp781H0695, HSPC137, RAB23, Ras related protein Rab 23



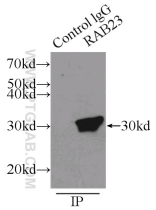
mouse brain tissue were subjected to SDS PAGE followed by western blot with 11101-1-AP(RAB23 antibody) at dilution of 1:1000



Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using 11101-1-AP(RAB23 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using 11101-1-AP(RAB23 Antibody) at dilution of 1:200 (under 40x lens).



IP Result of anti-RAB23

Background

Rab23 is a novel member of large Rab small GTPase family. It plays important roles during embryonic development. The brain-enriched Rab23 is the only Rab protein that is known to have a distinct function during central nervous system development, playing an essential role as a negative regulator of the Sonic Hedgehog (Shh) pathway. RAB23 has recently been identified in mesangial cells (MCs), and could serve as a biomarker that indicates the severity of FSGS (focal segmental glomerulosclerosis). Mutations in RAB23 may result in ACPS2 (acrocephalopolysyndactyly type 2).

Applications

Tested applications:	**ELISA, WB, IP, IHC**
Cited applications:	**WB**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Cited species:	**Human**
Caculated Rab23 MW:	**237aa,27 kDa**
Observed Rab23 MW:	**27 kDa**
Positive WB detected in	**Mouse brain tissue, human brain tissue, rat brain tissue**
Positive IP detected in	**Mouse brain tissue**
Positive IHC detected in	**Human liver cancer tissue**
Recommended dilution:	**WB: 1:500-1:5000**
	IP: 1:500-1:5000
	IHC: 1:50-1:500

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag1588**
GenBank accession number:	**BC015021**
Gene ID (NCBI):	**51715**
Full name:	**RAB23, member RAS oncogene family**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**

(IP:11101-1-AP, 3ug;
Detection:11101-1-AP 1:1000)
with mouse brain tissue lysate
7000ug.