

# Rab23 Monoclonal antibody

Catalog Number: 60056-1-Ig

Featured Product

1 Publications

## Basic Information

## Catalog Number:

60056-1-Ig

## Size:

150ul , Concentration: 747 µg/ml by Bradford method using BSA as the standard;

## Source:

Mouse

## Isotype:

IgG1

## Immunogen Catalog Number:

AG1588

## GenBank Accession Number:

BC015021

## GeneID (NCBI):

51715

## UNIPROT ID:

Q9ULC3

## Full Name:

RAB23, member RAS oncogene family

## Calculated MW:

237 aa, 27 kDa

## Observed MW:

27-30 kDa

## Purification Method:

Protein A purification

## CloneNo.:

3E12B6

## Recommended Dilutions:

WB 1:500-1:2000

## Applications

## Tested Applications:

WB, ELISA

## Cited Applications:

WB

## Species Specificity:

human, mouse

## Cited Species:

human, mouse

## Positive Controls:

WB : human brain tissue, HeLa cells

## Background Information

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 ACP52 (acrocephalopolysyndactyly type 2).

## Notable Publications

Author	Pubmed ID	Journal	Application
Andreas Gerondopoulos	31564489	Curr Biol	WB

## Storage

## Storage:

Store at -20°C. Stable for one year after shipment.

## Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

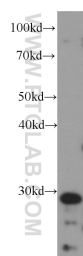
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 60056-1-Ig (RAB23 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.