

For Research Use Only

# Rab23 Monoclonal antibody

Catalog Number: 60056-1-Ig

Featured Product

1 Publications



## Basic Information

<b>Catalog Number:</b> 60056-1-Ig	<b>GenBank Accession Number:</b> BC015021	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 747 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 51715	<b>CloneNo.:</b> 3E12B6
<b>Source:</b> Mouse	<b>Full Name:</b> RAB23, member RAS oncogene family	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 237 aa, 27 kDa	
<b>Immunogen Catalog Number:</b> AG1588	<b>Observed MW:</b> 27-30 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : human brain tissue, HeLa cells
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human, mouse	

## 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

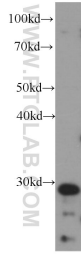
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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  
W: 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.