

For Research Use Only

# RAB33B Polyclonal antibody

Catalog Number: 27349-1-AP

1 Publications



## Basic Information

### Catalog Number:

27349-1-AP

### Size:

150ul, Concentration: 200 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG24181

### GenBank Accession Number:

BC036064

### GeneID (NCBI):

83452

### UNIPROT ID:

Q9H082

### Full Name:

RAB33B, member RAS oncogene family

### Calculated MW:

229 aa, 26 kDa

### Observed MW:

26 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human

### Cited Species:

human

### Positive Controls:

WB : HeLa cells, MCF-7 cells, U-87 MG cells, HEK-293 cells

IHC : human stomach tissue,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

RAB33B is a small GTP-binding protein of the Rab GTPase family, whose members function in vesicle transport during protein secretion and endocytosis. Rab GTPases are active, membrane-associated proteins that recruit effector proteins in the GTP-bound state and inactive cytosolic proteins when in a GDP-bound state. RAB33B is ubiquitously expressed and has been implicated in Golgi to endoplasmic reticulum cycling of Golgi enzymes. In addition, RAB33B regulates Golgi homeostasis and coordinates intra-Golgi retrograde trafficking.

## Notable Publications

Author	Pubmed ID	Journal	Application
Mio Kawabata	33760868	PLoS Pathog	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

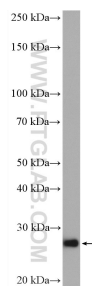
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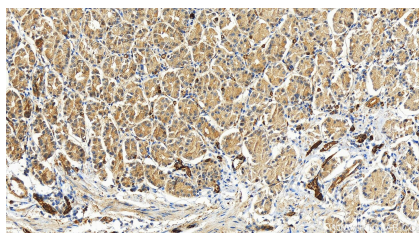
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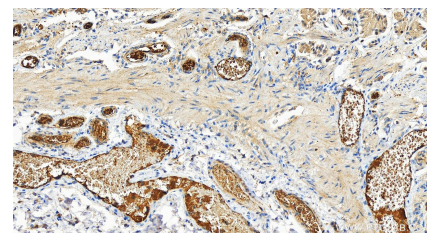
## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 27349-1-AP (RAB33B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 27349-1-AP (RAB33B antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 27349-1-AP (RAB33B antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).