

For Research Use Only

# RAB31 Recombinant monoclonal antibody

Catalog Number: 83434-2-RR



## Basic Information

<b>Catalog Number:</b> 83434-2-RR	<b>GenBank Accession Number:</b> NM_006868	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 11031	<b>CloneNo.:</b> 250075C7
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q13636	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000 IF/ICC: 1:200-1:800
	<b>Full Name:</b> RAB31, member RAS oncogene family	
	<b>Calculated MW:</b> 22 kDa	
	<b>Observed MW:</b> 22 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	WB : K-562 cells, mouse brain tissue, rat brain tissue IF/ICC : HepG2 cells,

## Background Information

RAB 31, also named as RAB22b, belongs to small GTP-binding proteins of the RAB family. Rab31 localizes in the trans-Golgi network (TGN) and endosomes. It is required for transport of mannose 6-phosphate receptors (MPRs) from the trans-Golgi network (TGN) to endosomes. This antibody can bind RAB31 specifically, and not react RAB22a.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

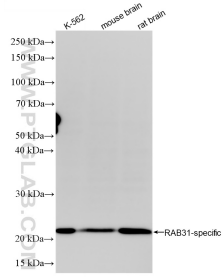
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

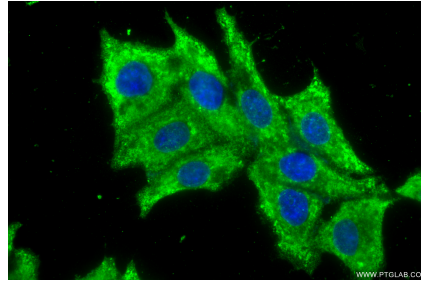
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83434-2-RR (RAB31 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using RAB31 antibody (83434-2-RR, Clone: 250075C7) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).