

For Research Use Only

# RPH3AL Polyclonal antibody

Catalog Number: 15297-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 15297-1-AP	<b>GenBank Accession Number:</b> BC005153	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 260 µg/ml by Nanodrop and 160 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9501	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> rabphilin 3A-like (without C2 domains)	<b>IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 34 kDa	
<b>Immunogen Catalog Number:</b> AG7552	<b>Observed MW:</b> 38 kDa	

## Applications

<b>Tested Applications:</b> IP, WB, ELISA	<b>Positive Controls:</b> WB : human liver tissue, L02 cells
<b>Cited Applications:</b> WB	<b>IP :</b> HepG2 cells,
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

## Background Information

Rabphilin-3A-like (RPH3AL), also known as Noc2, is a Rab effector protein with a molecular weight of 38 kDa. It is expressed abundantly in endocrine cells but at low levels in exocrine tissues, playing a direct regulatory role in calcium-ion-dependent exocytosis in both endocrine and exocrine cells, and also having a key role in INS secretion by pancreatic cells. RPH3AL functions as a potential RAB3B effector protein in epithelial cells, and RPH3AL gene is likely a tumor suppressor.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jinn-Shiun Chen	21536019	Clin Chim Acta	WB
Kohichi Matsunaga	27927751	J Cell Sci	WB

## Storage

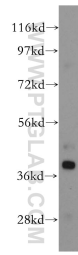
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

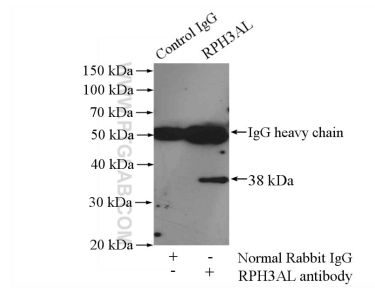
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



human liver tissue were subjected to SDS PAGE followed by western blot with 15297-1-AP (RPH3AL antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP Result of anti-RPH3AL (IP:15297-1-AP, 4ug; Detection:15297-1-AP 1:500) with HepG2 cells lysate 2400ug.