

For Research Use Only

# RAB3IP/Rabin8 Polyclonal antibody

Catalog Number: 29818-1-AP



## Basic Information

### Catalog Number:

29818-1-AP

### Size:

150ul , Concentration: 500 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG31291

### GenBank Accession Number:

BC015548

### GeneID (NCBI):

117177

### UNIPROT ID:

Q96QF0

### Full Name:

RAB3A interacting protein (rabin3)

### Calculated MW:

476 aa, 53 kDa

### Observed MW:

51 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

### Tested Applications:

WB, IP, ELISA

### Species Specificity:

human

### Positive Controls:

WB : HEK-293 cells, Jurkat cells

IP : Jurkat cells,

## Background Information

RAB3IP, also known as Rabin8, is a deduced 476-amino acid protein containing a central coiled-coil domain, a bipartite nuclear localization signal, and a C-terminal endoplasmic reticulum retention motif. Rabin8 has several sites for N-glycosylation and phosphorylation. Rabin8 plays important roles in various cellular processes, including ciliogenesis. The GEF activity of Rabin8 towards Rab8 is essential for ciliogenesis and cyst apical membrane transport, but not for exocytosis of discoidal/fusiform-shaped vesicles.

## 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

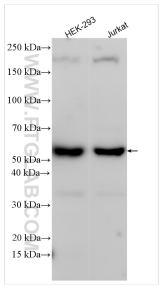
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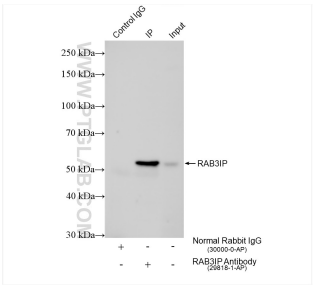
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29818-1-AP (RAB3IP/Rabin8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-RAB3IP/Rabin8 (IP:29818-1-AP, 4ug; Detection:29818-1-AP 1:4000) with Jurkat cells lysate 1320 ug.