

For Research Use Only

# Unc119b Polyclonal antibody

Catalog Number: 26201-1-AP



## Basic Information

### Catalog Number:

26201-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG24599

### GenBank Accession Number:

BC008617

### GeneID (NCBI):

106840

### UNIPROT ID:

Q8C4B4

### Full Name:

unc-119 homolog B (C. elegans)

### Calculated MW:

28 kDa

### Observed MW:

28-31 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IF/ICC, ELISA

### Species Specificity:

human, mouse, Canine

### Positive Controls:

WB : A549 cells, MDCK cells, mouse kidney tissue, HEK-293 cells, HeLa cells

IF/ICC : MDCK cells,

## Background Information

Mouse Unc119b is related closely to Unc119, a homolog of C. elegans unc119 protein which was first discovered in C. elegans on the basis of a spontaneous mutation affecting locomotion, feeding behavior and chemosensation. Mouse Unc119b shares 90% sequence identity with human UNC119b protein. UNC119b is a myristoyl-binding protein that acts as a cargo adapter: specifically binds the myristoyl moiety of a subset of N-terminally myristoylated proteins and is required for their localization. Myristoyl-binding activity of UNC119b is required to localize NPHP3 to the primary cilium (PMID: 22085962).

## 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

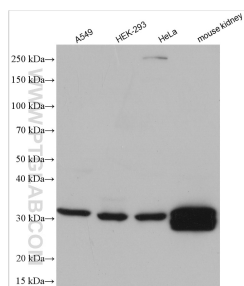
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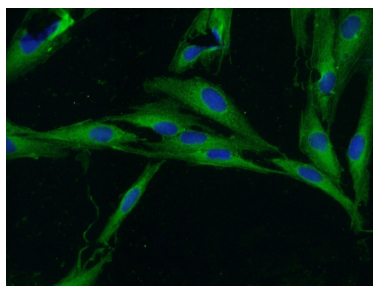
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26201-1-AP (Unc119b antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed MDCK cells using 26201-1-AP (Unc119b antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).