

# Unc119b Polyclonal antibody

Catalog Number: 26201-1-AP

## Basic Information

**Catalog Number:**

26201-1-AP

**Size:**

550 µg/ml

**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 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, WB, ELISA

**Species Specificity:**

human, mouse, Canine

**Positive Controls:**

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

**IF :** 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

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

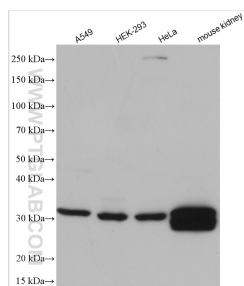
T: 4006900926

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

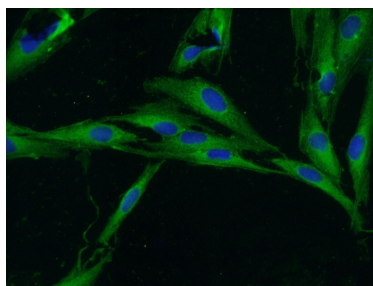
W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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 AffiniPure Goat Anti-Rabbit IgG(H+L).