

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/ICC 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/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

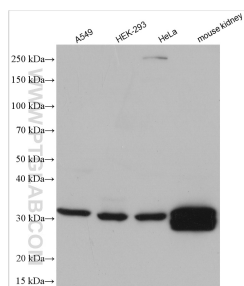
For technical support and original validation data for this product please contact:

T: 4006900926

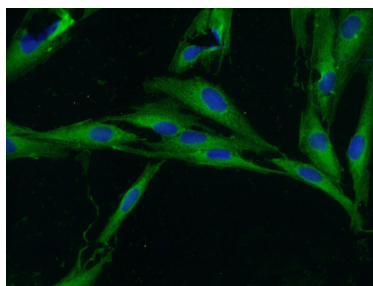
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Selected Validation Data



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