

For Research Use Only

Unc119b Polyclonal antibody

Catalog Number: 26201-1-AP



Basic Information

Catalog Number: 26201-1-AP	GenBank Accession Number: BC008617	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 106840	Recommended Dilutions: WB 1:1000-1:6000 IF 1:50-1:500
Source: Rabbit	Full Name: unc-119 homolog B (C. elegans)	
Isotype: IgG	Calculated MW: 28 kDa	
Immunogen Catalog Number: AG24599	Observed MW: 28-31 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, Canine	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

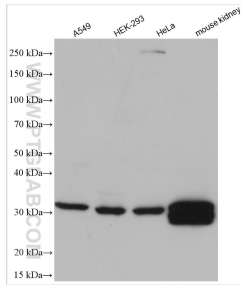
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

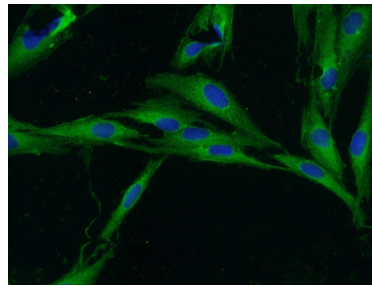
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



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).