

For Research Use Only

UNC119 Polyclonal antibody

Catalog Number: 13065-1-AP **1 Publications**



Basic Information

Catalog Number: 13065-1-AP	GenBank Accession Number: BC027176	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9094	Recommended Dilutions: IF 1:10-1:100
Source: Rabbit	Full Name: unc-119 homolog (C. elegans)	
Isotype: IgG	Calculated MW: 240 aa, 27 kDa	
Immunogen Catalog Number: AG3757		

Applications

Tested Applications: IF, ELISA	Positive Controls: IF : MDCK cells,
Cited Applications: IHC	
Species Specificity: Canine	
Cited Species: human	

Background Information

Human UNC119 protein shares strong homology with the C. elegans unc119 protein which was first discovered in C. elegans on the basis of a spontaneous mutation affecting locomotion, feeding behavior and chemosensation. UNC119 is predominantly expressed in retina, in photoreceptor synapses and inner segments, with much lower expression in several other tissues. UNC119 is involved in the mechanism of photoreceptor neurotransmitter release through the synaptic vesicle cycle. It is required for G protein trafficking in sensory neurons.

Notable Publications

Author	Pubmed ID	Journal	Application
Courtney E Frederick	36982165	Int J Mol Sci	IHC

Storage

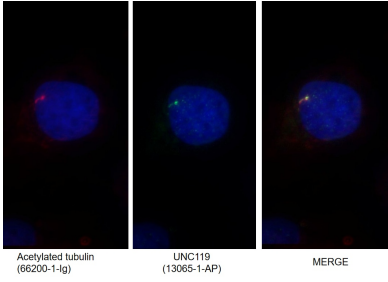
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of MDCK cells using 13065-1-AP (UNC119 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).