

For Research Use Only

UNC119 Polyclonal antibody

Catalog Number: 13065-1-AP

1 Publications



Basic Information

Catalog Number:

13065-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3757

GenBank Accession Number:

BC027176

GeneID (NCBI):

9094

UNIPROT ID:

Q13432

Full Name:

unc-119 homolog (C. elegans)

Calculated MW:

240 aa, 27 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:10-1:100

Applications

Tested Applications:

IF/ICC, ELISA

Cited Applications:

IHC

Species Specificity:

human, canine

Cited Species:

human

Positive Controls:

IF/ICC : MDCK cells,

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

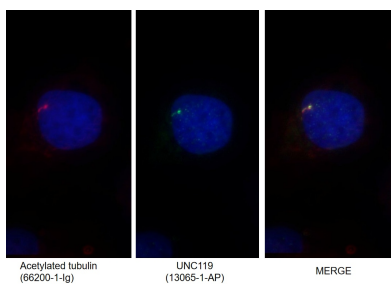
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
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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 Goat Anti-Rabbit IgG (H+L).