

For Research Use Only

CNIH4 Polyclonal antibody

Catalog Number: 15015-1-AP

2 Publications



Basic Information

Catalog Number:

15015-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6965

GenBank Accession Number:

BC000573

GeneID (NCBI):

29097

UNIPROT ID:

Q9P003

Full Name:

cornichon homolog 4 (Drosophila)

Calculated MW:

16 kDa

Observed MW:

16-18 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:2000

IF-P: 1:200-1:800

Applications

Tested Applications:

WB, IF-P, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : mouse testis tissue, rat testis tissue

IF-P : mouse testis tissue,

Background Information

CNIH4 (Cornichon Family Member 4) is a protein-coding gene belonging to the cornichon family, which plays a critical role in regulating G protein-coupled receptor (GPCR) trafficking from the endoplasmic reticulum to the cell surface. It facilitates GPCR export through the early secretory pathway and is regulated by TMED9.

Notable Publications

Author	Pubmed ID	Journal	Application
Jun Wu	34887647	World J Gastroenterol	WB
Zhichun Liu	39595145	Biomedicines	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

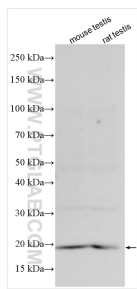
For technical support and original validation data for this product please contact:

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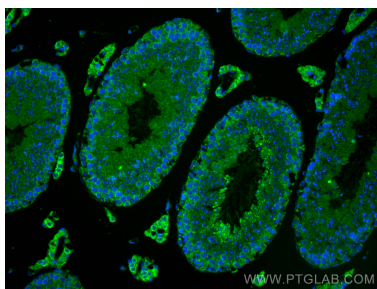
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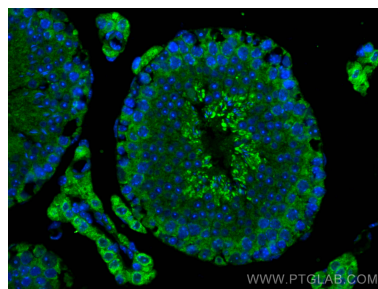
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15015-1-AP (CNIH4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse testis tissue using CNIH4 antibody (15015-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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