

For Research Use Only

# CNIH4 Polyclonal antibody

Catalog Number: 15015-1-AP

2 Publications



## Basic Information

Catalog Number:

15015-1-AP

Concentration:

300 ug/ml

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

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

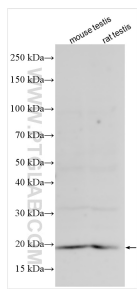
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

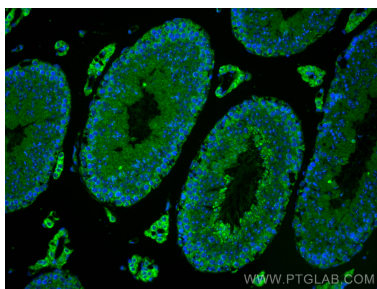
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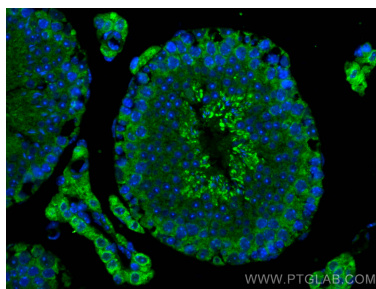
## Selected Validation Data



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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