

For Research Use Only

# CNIH2 Polyclonal antibody

Catalog Number: 14260-1-AP



## Basic Information

Catalog Number: 14260-1-AP	GenBank Accession Number: BC047953	Purification Method: Antigen affinity purification
Size: 450 ug/ml	GeneID (NCBI): 254263	Recommended Dilutions: IHC 1:50-1:500 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q6PI25	
Isotype: IgG	Full Name: cornichon homolog 2 (Drosophila)	
Immunogen Catalog Number: AG5533	Calculated MW: 19 kDa	

## Applications

Tested Applications: IHC, IF/ICC, ELISA	Positive Controls: IHC : mouse brain tissue, IF/ICC : A549 cells,
Species Specificity: human, mouse	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

CNIH2, or cornichon family AMPA receptor auxiliary protein 2, is an auxiliary subunit of the ionotropic glutamate receptor of the AMPA subtype. CNIH2 has been reported to interact with the Type I AMPA Receptor regulatory protein isoform gamma-8, which controls the assembly of hippocampal AMPA receptor complexes, thereby modulating receptor gating and pharmacology. It has been implicated in various diseases, including schizophrenia, as indicated by its association with different schizophrenia-related disorders.

## 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

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

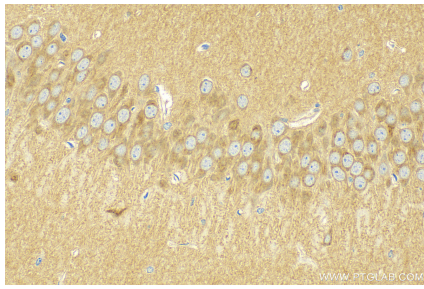
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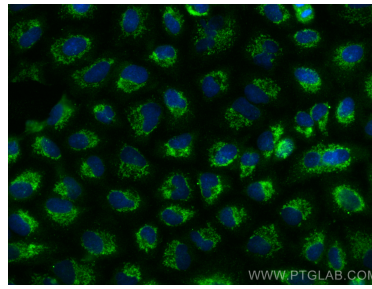
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14260-1-AP (CNIH2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using CNIH2 antibody (14260-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).