

For Research Use Only

CNIH2 Polyclonal antibody, PBS Only

Catalog Number:14260-1-PBS



Basic Information

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|---|---|--|
| Catalog Number: 14260-1-PBS | GenBank Accession Number: BC047953 | Purification Method: Antigen affinity purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 254263 | |
| Source: Rabbit | UNIPROT ID: Q6PI25 | |
| Isotype: IgG | Full Name: cornichon homolog 2 (Drosophila) | |
| Immunogen Catalog Number: AG5533 | Calculated MW: 19 kDa | |
| | Observed MW: 19 kDa | |

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

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 -80°C.

Storage Buffer:
PBS only, pH7.3

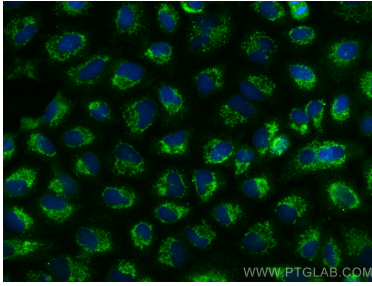
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

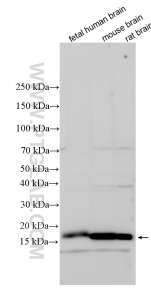
E: proteintech@ptglab.com
W: ptglab.com

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

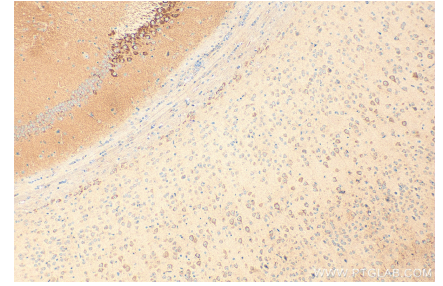
Selected Validation Data



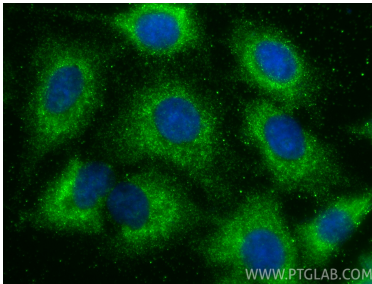
Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using CNIH2 antibody (14260-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 14260-1-PBS in a different storage buffer formulation.



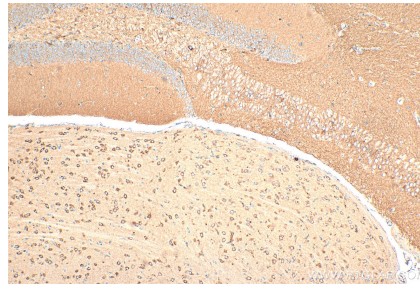
Various lysates were subjected to SDS PAGE followed by western blot with 14260-1-AP (CNIH2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 14260-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14260-1-AP (CNIH2 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 14260-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using CNIH2 antibody (14260-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 14260-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14260-1-AP (CNIH2 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 14260-1-PBS in a different storage buffer formulation.