

CNIH2 Antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # AI15590

Product Information

Application WB Primary Accession Q6PI25

Other Accession <u>NM 182553</u>, <u>NP 872359</u>

Reactivity Human, Mouse, Rat, Zebrafish, Pig, Dog, Guinea Pig **Predicted** Human, Mouse, Rat, Zebrafish, Pig, Dog, Guinea Pig

Host Rabbit
Clonality Polyclonal
Calculated MW 18931

Additional Information

Gene ID 254263

Alias Symbol CNIH-2, Cnil

Other Names Protein cornichon homolog 2, CNIH-2, Cornichon family AMPA receptor

auxiliary protein 2, Cornichon-like protein, CNIH2, CNIL

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

Reconstitution & Storage Add 50 ul of distilled water. Final anti-CNIH2 antibody concentration is 1

mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at

20°C. Avoid repeat freeze-thaw cycles.

Precautions CNIH2 Antibody - N-terminal region is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name CNIH2 (<u>HGNC:28744</u>)

Synonyms CNIL

Function Regulates the trafficking and gating properties of AMPA- selective glutamate

receptors (AMPARs). Promotes their targeting to the cell membrane and synapses and modulates their gating properties by regulating their rates of activation, deactivation and desensitization. Blocks CACNG8-mediated

resensitization of AMPA receptors.

Cellular Location Endoplasmic reticulum membrane; Multi-pass membrane protein.

Postsynaptic cell membrane; Multi-pass membrane protein. Cell projection,

dendrite. Cell projection, dendritic spine. Postsynaptic density. Note=Also localizes to the cell membrane of extrasynaptic sites (dendritic shafts, spines of pyramidal cells).

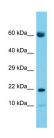
Tissue Location

Expression is up-regulated in dorsolateral prefrontal cortex of patients with schizophrenia (postmortem brain study).

References

Shi Y.,et al.Proc. Natl. Acad. Sci. U.S.A. 107:16315-16319(2010). Drummond J.B.,et al.NeuroReport 23:1031-1034(2012).

Images



Host: Rabbit

Target Name: CNIH2

Sample Tissue: Placenta lysates Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.