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CNIH2 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15590

Specification

CNIH2 Antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q6PI25
Other Accession	NM_182553, NP_872359
Reactivity	**Human, Mouse, Rat, Pig, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Pig, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**19kDa KDa**

CNIH2 Antibody - N-terminal region - 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.

CNIH2 Antibody - N-terminal region - Protein Information

Name CNIH2

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).

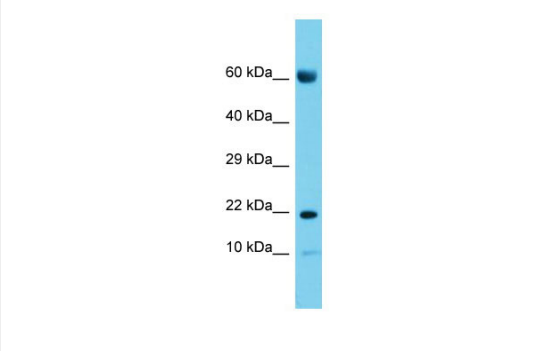
Tissue Location
Expression is up-regulated in dorsolateral prefrontal cortex of patients with schizophrenia (postmortem brain study).

CNIH2 Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CNIH2 Antibody - N-terminal region - Images



Host: Rabbit
Target Name: CNIH2
Sample Tissue: Placenta lysates
Antibody Dilution: 1.0µg/ml

CNIH2 Antibody - N-terminal region - 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).