

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 ([HGNC:28744](#))**Synonyms** CNIL**Function**

Regulates the trafficking and gating properties of AMPA- selective glutamate receptors (AMPA receptors). 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

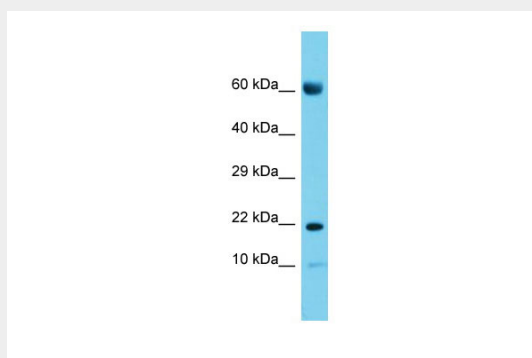
Expression is up-regulated in dorsolateral prefrontal cortex of patients with schizophrenia (postmortem brain study).

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 Cytometry](#)
- [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).