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CNIH2 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15590

Product Information

Application	WB
Primary Accession	Q6PI25
Other Accession	NM_182553, NP_872359
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

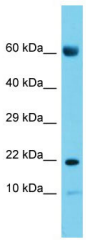
Name	CNIH2 (HGNC:28744)
Synonyms	CNIL
Function	Regulates the trafficking and gating properties of AMPA- selective glutamate receptors (AMPARs). Promotes their targeting to the cell membrane and synapses and modulates their gating properties by regulating their rates of activation, deactivation and desensitization. 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'.