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CNIH3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17519a

Product Information

Application	WB, E
Primary Accession	Q8TBE1
Other Accession	D0Q0Y7, Q6ZWS4, NP_689708.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37844
Calculated MW	18976
Antigen Region	17-44

Additional Information

Gene ID	149111
Other Names	Protein cornichon homolog 3, CNIH-3, Cornichon family AMPA receptor auxiliary protein 3, CNIH3
Target/Specificity	This CNIH3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-44 amino acids from the N-terminal region of human CNIH3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CNIH3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CNIH3
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.
Cellular Location	Postsynaptic cell membrane; Multi- pass membrane protein. 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).

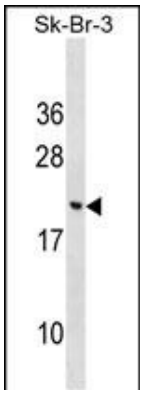
Background

CNIH3 is a member of the cornichon family.

References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Lamesch, P., et al. Genomics 89(3):307-315(2007)

Images



CNIH3 Antibody (N-term) (Cat. #AP17519a) western blot analysis in SK-BR-3 cell line lysates (35ug/lane).This demonstrates the CNIH3 antibody detected the CNIH3 protein (arrow).

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