

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
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 (AMPA-Rs). 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).

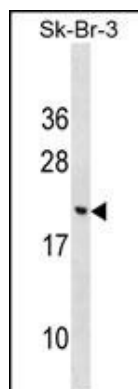
Background

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'.