

CNIH3 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17519a**Specification**

CNIH3 Antibody (N-term) - 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
Calculated MW	18976
Antigen Region	17-44

CNIH3 Antibody (N-term) - 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.

CNIH3 Antibody (N-term) - 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

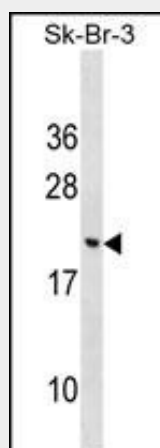
Expression is up-regulated in dorsolateral prefrontal cortex of patients with schizophrenia (postmortem brain study).

CNIH3 Antibody (N-term) - 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](#)

CNIH3 Antibody (N-term) - 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).

CNIH3 Antibody (N-term) - Background

CNIH3 is a member of the cornichon family.

CNIH3 Antibody (N-term) - References

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