

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

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

(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

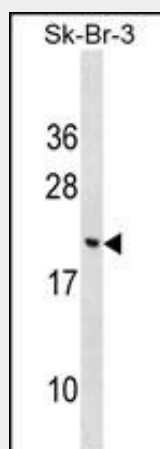
Expression is up-regulated in dorsolateral prefrontal cortex of patients with schizophrenia (postmortem brain study).

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)