

CNIH2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11529a**Specification**

CNIH2 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q6PI25](#)**CNIH2 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 254263**Other Names**

Protein cornichon homolog 2, CNIH-2, Cornichon family AMPA receptor auxiliary protein 2, Cornichon-like protein, CNIH2, CNIL

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CNIH2 Antibody (N-term) Blocking peptide - Protein Information**Name** CNIH2**Synonyms** CNIL**Function**

Regulates the trafficking and gating properties of AMPA- selective glutamate receptors (AMPA receptors). 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).

CNIH2 Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CNIH2 Antibody (N-term) Blocking peptide - Images**CNIH2 Antibody (N-term) Blocking peptide - Background**

Involved in the transport and maturation of proteins (By similarity).

CNIH2 Antibody (N-term) Blocking peptide - References

Hoshino, H., et al. Mol. Biol. Cell 18(4):1143-1152(2007)Lamesch, P., et al. Genomics 89(3):307-315(2007)