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CNIH Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP13594b

Specification

CNIH Antibody (C-term) Blocking peptide - Product Information

Primary Accession	O95406

CNIH Antibody (C-term) Blocking peptide - Additional Information

Gene ID 10175

Other Names
Protein cornichon homolog 1, CNIH-1, Cornichon family AMPA receptor auxiliary protein 1, Protein cornichon homolog, T-cell growth-associated molecule 77, TGAM77, CNIH1, CNIH, CNIL

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13594b was selected from the C-term region of CNIH. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

CNIH Antibody (C-term) Blocking peptide - Protein Information

Name CNIH1

Synonyms CNIH, CNIL

Function
Involved in the selective transport and maturation of TGF- alpha family proteins.

Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus membrane. Note=Located primarily in the ER; may cycle between the ER and the Golgi apparatus

Tissue Location
Highly expressed in heart, liver, skeletal muscle, pancreas, adrenal medulla and cortex, thyroid, testis, spleen, appendix, peripheral blood lymphocytes and bone marrow. Lower expression found in brain, placenta, lung, kidney, ovary, small intestine, stomach, lymph node, thymus and fetal

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

CNIH Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

CNIH Antibody (C-term) Blocking peptide - Images

CNIH Antibody (C-term) Blocking peptide - Background

CNIH is involved in the selective transport and maturation of TGF-alpha family proteins.

CNIH Antibody (C-term) Blocking peptide - References

Castro, C.P., et al. J. Cell. Sci. 120 (PT 14), 2454-2466 (2007) :Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Utku, N., et al. Biochim. Biophys. Acta 1449(3):203-210(1999)