

**CCNK Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17061a**

**Specification**

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**CCNK Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [O75909](#)

**CCNK Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 8812

**Other Names**

Cyclin-K, CCNK, CPR4

**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.

**CCNK Antibody (N-term) Blocking Peptide - Protein Information**

**Name** CCNK

**Synonyms** CPR4

**Function**

Regulatory subunit of cyclin-dependent kinases that mediates activation of target kinases. Plays a role in transcriptional regulation via its role in regulating the phosphorylation of the C- terminal domain (CTD) of the large subunit of RNA polymerase II (POLR2A).

**Cellular Location**

Nucleus.

**Tissue Location**

Widely expressed. Highest levels in testis.

**CCNK Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**CCNK Antibody (N-term) Blocking Peptide - Images****CCNK Antibody (N-term) Blocking Peptide - Background**

The protein encoded by this gene is a member of the transcription cyclin family. These cyclins may regulate transcription through their association with and activation of cyclin-dependent kinases (CDK) that phosphorylate the C-terminal domain (CTD) of the large subunit of RNA polymerase II. This gene product may play a dual role in regulating CDK and RNA polymerase II activities.

**CCNK Antibody (N-term) Blocking Peptide - References**

Marsaud, V., et al. Mol. Cancer 9, 103 (2010) ; Baek, K., et al. J. Mol. Biol. 366(2):563-573(2007) Olsen, J.V., et al. Cell 127(3):635-648(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006) Lim, J., et al. Cell 125(4):801-814(2006)