

**CCNK Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17061a****Specification**

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

Application	WB,E
Primary Accession	<a href="#">O75909</a>
Other Accession	<a href="#">O88874</a> , <a href="#">NP_001092872.1</a> , <a href="#">F1QMB9</a>
Reactivity	Human
Predicted	Zebrafish, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	64240
Antigen Region	27-54

**CCNK Antibody (N-term) - Additional Information****Gene ID** 8812**Other Names**

Cyclin-K, CCNK, CPR4

**Target/Specificity**

This CCNK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-54 amino acids from the N-terminal region of human CCNK.

**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**

CCNK Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**CCNK Antibody (N-term) - 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**

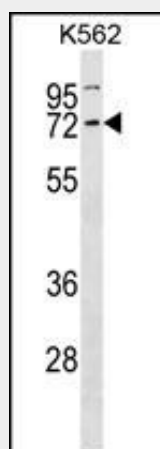
Widely expressed. Highest levels in testis.

**CCNK Antibody (N-term) - 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](#)

**CCNK Antibody (N-term) - Images**



CCNK Antibody (N-term) (Cat. #AP17061a) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the CCNK antibody detected the CCNK protein (arrow).

**CCNK Antibody (N-term) - 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) - 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)  
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