

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

CCNK Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O75909
Other Accession	O88874 , NP_001092872.1 , F1QMB9
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

E~~Use at an assay dependent concentration.

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

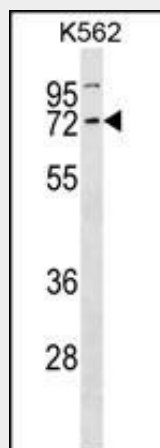
Widely expressed. Highest levels in testis.

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)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
Lim, J., et al. Cell 125(4):801-814(2006)