

Cyclin K Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58790

Specification

Cyclin K Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	075909
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Cyclin K/CCNK
Epitope Specificity	151-250/580
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the cyclin family. Cyclin C subfamily.
SUBUNIT	Part of a cyclin-kinase pair in the RNA polymerase II holoenzyme. Binds to CDK9.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

May play a role in transcriptional regulation. In vitro, is associated with a kinase activity toward both RNA polymerase II C-terminal domain and CDK2 (CAK). Tissue specificity: Ubiquitously expressed. Highest levels in testis.

Cyclin K Polyclonal Antibody - Additional Information

Gene ID 8812

Other Names

Cyclin-K, CCNK, CPR4

Target/Specificity

Ubiquitously expressed. Highest levels intestis.

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Cyclin K Polyclonal Antibody - 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.

Cyclin K Polyclonal Antibody - 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](#)

Cyclin K Polyclonal Antibody - Images