

#### 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 <u>075909</u>

Reactivity
Host
Clonality
Calculated MW
Physical State

Rat, Pig, Dog, Bovine
Rabbit
Polyclonal
64 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human Cyclin K/CCNK

Epitope Specificity 151-250/580

Isotype 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 Ilholoenzyme. Binds to CDK9. 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** 

Important Note

Other Names Cyclin-K, CCNK, CPR4

# **Target/Specificity**

Ubiquitously expressed. Highest levels intestis.

## Dilution

<span class ="dilution WB">WB~~1:1000/><span class</pre>

="dilution IHC-P">IHC-P~~N/A</span><br \><span class

="dilution\_IHC-F">IHC-F~~N/A</span><br \><span class

="dilution IF">IF $\sim$ 1:50 $\sim$ 200</span><br\><span class ="dilution E">E $\sim$ N/A</span>



#### **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 Cytomety
- Cell Culture

# Cyclin K Polyclonal Antibody - Images