

# CCNK Polyclonal antibody

Catalog Number: 26933-1-AP

## Basic Information

**Catalog Number:**

26933-1-AP

**Size:**

500 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG25556

**GenBank Accession Number:**

BC015935

**GeneID (NCBI):**

8812

**UNIPROT ID:**

O75909

**Full Name:**

cyclin K

**Calculated MW:**

64 kDa

**Observed MW:**

70 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : HeLa cells, HepG2 cells, Jurkat cells

## Background Information

Cyclin-K (CCNK) is also named as CPR4 and belongs to the cyclin family. CCNK is a regulatory subunit of cyclin-dependent kinases that mediates activation of target kinases (PMID:10574912). It 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) (PMID:9632813). The Cyclin K/Cdk12 complex maintains genomic stability via regulation of expression of DNA damage response genes (PMID:22012619).

## Storage

**Storage:**

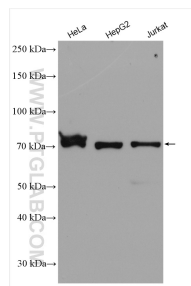
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26933-1-AP (CCNK antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.