

For Research Use Only

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

For technical support and original validation data for this product please contact:

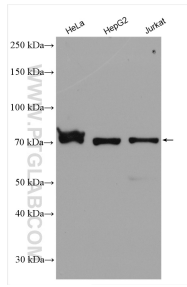
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.