

For Research Use Only

CCNK Polyclonal antibody

Catalog Number: 26933-1-AP



Basic Information

Catalog Number: 26933-1-AP	GenBank Accession Number: BC015935	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 8812	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: O75909	
Isotype: IgG	Full Name: cyclin K	
Immunogen Catalog Number: AG25556	Calculated MW: 64 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HepG2 cells, Jurkat cells
Species Specificity: human	

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

*** 20ul sizes contain 0.1% BSA

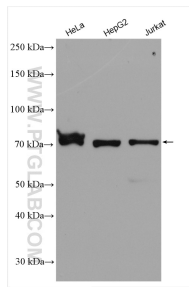
For technical support and original validation data for this product please contact:

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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.