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Cyclin K Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58790

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O75909
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64240
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 IIholoenzyme. 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.

Additional Information

Gene ID	8812
Other Names	Cyclin-K, CCNK, CPR4
Target/Specificity	Ubiquitously expressed. Highest levels intestis.
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 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.

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.