

Cyclin K Rabbit pAb

Catalog No.: A10261

Basic Information

Catalog No.

A10261

Observed MW

90kDa

Calculated MW

40kDa/41kDa/64kDa/66kDa

Category

Primary antibody

Applications

WB, IHC

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200

Contact

 | www.abclonal.com

Background

The protein encoded by this gene is a member of the transcription cyclin family. These cyclins may regulate transcription through their association with and activation of cyclin-dependent kinases (CDK) that phosphorylate the C-terminal domain (CTD) of the large subunit of RNA polymerase II. This gene product may play a dual role in regulating CDK and RNA polymerase II activities.

Immunogen Information

Gene ID	Swiss Prot
8812	075909

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-160 of human Cyclin K (NP_001092872.1).

Synonyms

CCNK; CPR4; cyclin-K

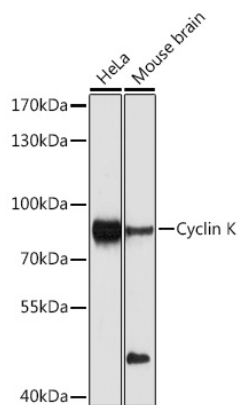
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Cyclin K Antibody (A10261) at 1:1000 dilution.

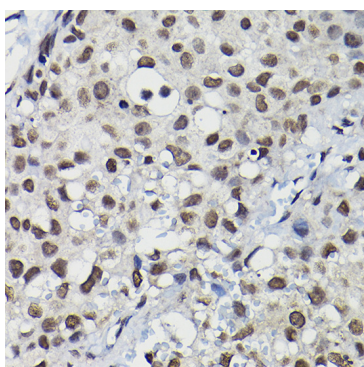
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

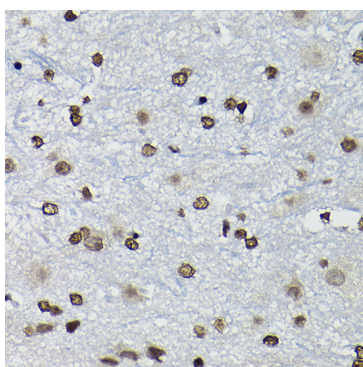
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

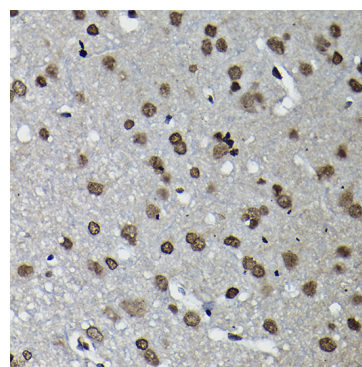
Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human breast cancer using Cyclin K Rabbit pAb (A10261) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spinal cord using Cyclin K Rabbit pAb (A10261) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat brain using Cyclin K Rabbit pAb (A10261) at dilution of 1:100 (40x lens).