

Product Datasheet

CCNK Antibody - BSA Free

NBP1-06519

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NBP1-06519

CCNK Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

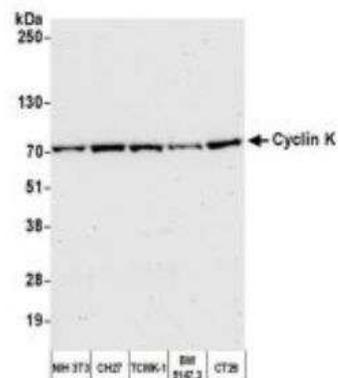
Product Description	
Host	Rabbit
Gene ID	8812
Gene Symbol	CCNK
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 530 and 580 of human cyclin K using the numbering given in entry NP_001092872.1 (GeneID 8812).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:1000 - 1:5000, Immunoprecipitation 2 -10 ug/mg lysate, Immunohistochemistry-Paraffin 1:1000 - 1:5000
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

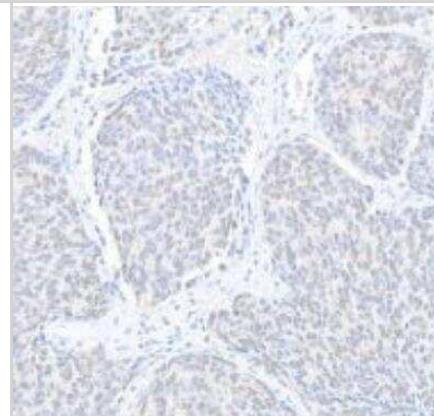


Images

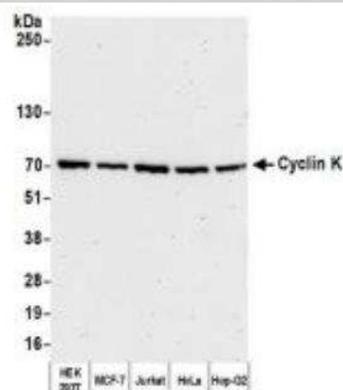
Western Blot: CCNK Antibody [NBP1-06519] - Whole cell lysate (50 ug) from NIH 3T3, CH27, TCMK-1, BW5147.3, and CT26 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Cyclin K antibody used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



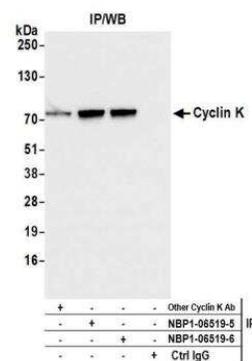
Immunohistochemistry-Paraffin: CCNK Antibody [NBP1-06519] - Affinity purified rabbit anti-Cyclin K used at a dilution of 1:5,000 (0.2 ug/ml). Detection: DAB



Western Blot: CCNK Antibody [NBP1-06519] - Whole cell lysate (50 ug) from HEK293T, MCF-7, Jurkat, HeLa, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Cyclin K antibody used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



Immunoprecipitation: CCNK Antibody [NBP1-06519] - Detection of human Cyclin K by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Cyclin K antibody NBP1-06519 (lot NBP1-06519-6) used for IP at 6 ug per reaction. Cyclin K was also immunoprecipitated by a previous lot of this antibody (lot NBP1-06519-5) and another rabbit anti-Cyclin K antibody. For blotting immunoprecipitated Cyclin K, NBP1-06519 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



Publications

Ekumi KM, Paculova H, Lenasi T et al. Ovarian carcinoma CDK12 mutations misregulate expression of DNA repair genes via deficient formation and function of the Cdk12/CycK complex *Nucleic Acids Res.* 2015-02-20 [PMID: 25712099] (WB, Human)



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Products Related to NBP1-06519

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00008812-P01-10ug	Recombinant Human CCNK GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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