

Rabbit anti-Human, Mouse Cyclin K Polyclonal Antibody | anti-CCNK antibody

Rabbit anti-Cyclin K Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211688	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Cyclin K; Polyclonal Antibody; Rabbit anti-Cyclin K Antibody; Affinity Purified; CPR4; cyclin-K; Cyclin-K; cyclin K; anti-CCNK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CCNK antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 530 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



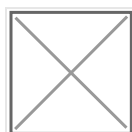
WB (Western Blot)

Detection of human Cyclin K by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, Jurkat, HeLa, MCF-7, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Cyclin K antibody (AAA211688 lot 11) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



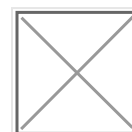
WB (Western Blot)

Detection of mouse Cyclin K by western blot. Samples: Whole cell lysate (50 ug) from CT26, TCMK-1, BW5147.3, and CH27 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Cyclin K antibody (AAA211688 lot 11) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

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 (AAA211688 lot 11) used for IP at 6 ug per reaction. Cyclin K was also immunoprecipitated by a previous lot of this antibody (AAA211688 lot 10) and a second antibody against a different epitope of Cyclin K (BL6428). For blotting immunoprecipitated Cyclin K, AAA211688 was used at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human Cyclin K by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-Cyclin K AAA211688 lot 11 used at a dilution of 1:5,000 (0.2 ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CCNK antibody	Cyclin K is a member of the cyclin family of regulatory proteins that associate with and activate cyclin-dependent kinases (CDKs) to regulate cell cycle progression. Cyclin K can function in transcription and interacts with CDK9 to form one of multiple nuclear complexes collectively referred to as positive transcription elongation factor b (P-TEFb).
Product Categories/Family for anti-CCNK antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	8812
UniProt Accession #	O75909
UniProt Protein Name	Cyclin-K
UniProt Gene Name	CCNK
UniProt Synonym Gene Names	CPR4
UniProt Entry Name	CCNK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cyclin-k-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211688>