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CCNK Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant CCNK.
Catalog # AT1423a

Product Information

Application	WB, E
Primary Accession	O75909
Other Accession	BC015935
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	3B7-1B9
Calculated MW	64240

Additional Information

Gene ID	8812
Other Names	Cyclin-K, CCNK, CPR4
Target/Specificity	CCNK (AAH15935, 1 a.a. ~ 354 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	CCNK Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

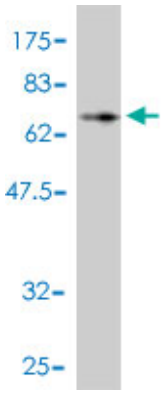
Background

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.

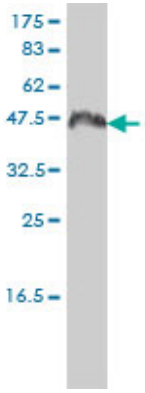
References

1.The human HECA interacts with cyclins and CDKs to antagonize Wnt-mediated proliferation and chemoresistance of head and neck cancer cells.Dowejko A, Bauer R, Bauer K, Muller-Richter UD, Reichert TE.Exp Cell Res. 2011 Nov 10.

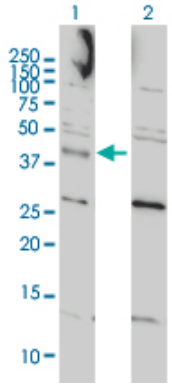
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (64.68 KDa) .

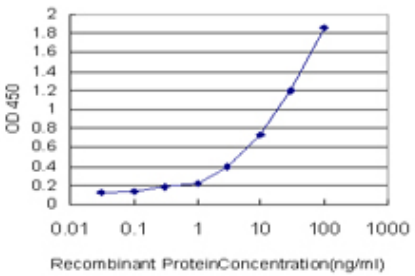


CCNK monoclonal antibody (M01), clone 3B7-1B9.
Western Blot analysis of CCNK expression in PRC/PRF/5.



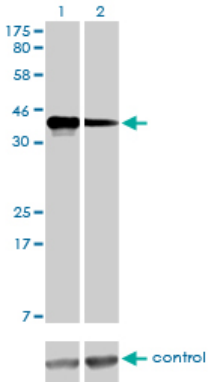
Western Blot analysis of CCNK expression in transfected 293T cell line by CCNK monoclonal antibody (M01), clone 3B7-1B9.

Lane 1: CCNK transfected lysate(41 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged CCNK is approximately 0.03ng/ml as a capture antibody.

Western blot analysis of CCNK over-expressed 293 cell line, cotransfected with CCNK Validated Chimera RNAi ((Cat # AT1423a)



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.