

Mouse anti-Human Cyclin H Monoclonal Antibody | anti-CCNH antibody

Cyclin H Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290514	Mouse	Human	Immunoprecipitation, Western Blot

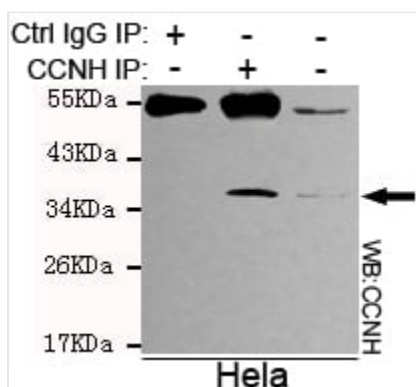
PRODUCT SYNONYMS

Cyclin H; Monoclonal Antibody; Cyclin H Antibody; Purified Mouse Monoclonal Antibody (Mab); 6330408H09Rik; A1661354; AV102684; AW538719; CAK; CAK complex subunit; ccnh; CCNH_HUMAN; CDK activating kinase; CDK activating kinase complex subunit; Cyclin dependent kinase activating kinase; cyclin dependent kinase activating kinase complex subunit; CyclinH; MO15-associated protein; p34; p36; p37.; anti-CCNH antibody

PRODUCT SPECIFICATIONS

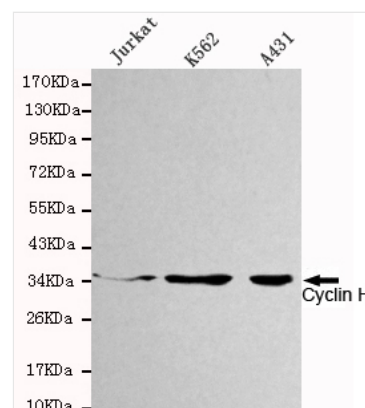
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Form/Format	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
Sequence Length	323
Applicable Applications for anti-CCNH antibody	IP (Immunoprecipitation), WB (Western Blot)
Antigen Source	Human
Antigen Type	Recombinant Protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of HeLa cell lysates using Cyclin H mouse mAb.



WB (Western Blot)

Western blot detection of Cyclin H in Jurkat, K562 and A431 cell lysates using Cyclin H mouse mAb (1:1000 diluted). Predicted band size: 38KDa. Observed band size: 38KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CCNH antibody	Regulates CDK7, the catalytic subunit of the CDK- activating kinase (CAK) enzymatic complex. CAK activates the cyclin-associated kinases CDK1, CDK2, CDK4 and CDK6 by threonine phosphorylation. CAK complexed to the core-TFIIF basal transcription factor activates RNA polymerase II by serine phosphorylation of the repetitive C-terminal domain (CTD) of its large subunit (POLR2A), allowing its escape from the promoter and elongation of the transcripts. Involved in cell cycle control and in RNA transcription by RNA polymerase II. Its expression and activity are constant throughout the cell cycle.
Product Categories/Family for anti-CCNH antibody	Cell Biology; Immunology
References	Maekelae T.P.,et al.Nature 371:254-257(1994). Fisher R.P.,et al.Cell 78:713-724(1994). Ebert L.,et al.Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases. Shiekhatter R.,et al.Nature 374:283-287(1995). Kershner E.,et al.J. Biol. Chem. 273:34444-34453(1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502623
NCBI GeneID	902
NCBI Accession #	NP_001230.1
NCBI GenBank Nucleotide #	NM_001239.3
UniProt Accession #	P51946; Q53X72; Q8TBL9
Molecular Weight	37643
NCBI Official Full Name	cyclin-H isoform 1
NCBI Official Synonym Full Names	cyclin H
NCBI Official Symbol	CCNH
NCBI Official Synonym Symbols	CAK; p34; p37; CycH
NCBI Protein Information	cyclin-H
UniProt Protein Name	Cyclin-H
UniProt Gene Name	CCNH
UniProt Entry Name	CCNH_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cyclin-h-antibody-immunoprecipitation-western-blot-elisa/290514>