

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

CCNH (Cyclin H) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA111306	Mouse	Human	Immunoprecipitation, Western Blot

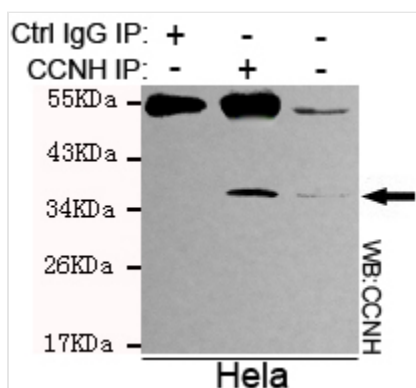
PRODUCT SYNONYMS

CCNH (Cyclin H); Monoclonal Antibody; CCNH (Cyclin H) Antibody; MO15-associated protein p34 p37; anti-CCNH antibody

PRODUCT SPECIFICATIONS

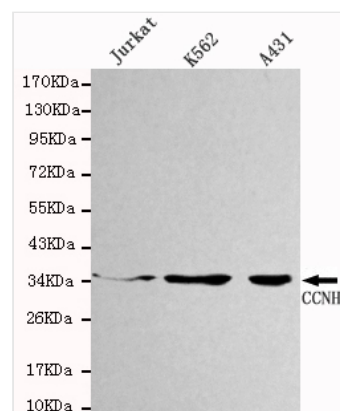
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Specificity	This antibody detects endogenous levels of CCNH(N-term) and does not cross-react with related proteins.
Purity/Purification	Affinity purified
Form/Format	Purified in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50%, glycerol
Sequence Length	323
Applicable Applications for anti-CCNH antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Purified recombinant human CCNH(N-term) protein fragments expressed in E Coli.
Cellular Localization	Nucleus

IMAGES



Application Data

Immunoprecipitation analysis of HeLa cell lysates using CCNH antibody.



Application Data

Western blot detection of CCNH in Jurkat, K562 & A431 cell lysates using CCNH antibody (1:1000 diluted). Predicted band size: 38 kDa. Observed band size: 38 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CCNH antibody	UniPort Summary Function: 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-TFIID basal transcription factor activates RNA polymerase II by serine phosphorylation of the repetitive C-terminus 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. Entrez Summary: The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with CDK7 kinase and ring finger protein MAT1. The kinase complex is able to phosphorylate CDK2 and CDC2 kinases, thus functions as a CDK-activating kinase (CAK). This cyclin and its kinase partner are components of TFIID, as well as RNA polymerase II protein complexes. They participate in two different transcriptional regulation processes, suggesting an important link between basal transcription control and the cell cycle machinery. A pseudogene of this gene is found on chromosome 4. Alternate splicing results in multiple transcript variants.
Product Categories/Family for anti-CCNH antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502623
NCBI GeneID	902
NCBI Accession #	NP_001230.1
NCBI GenBank Nucleotide #	NM_001239.2
UniProt Accession #	P51946; Q53X72; Q8TBL9
Molecular Weight	38kDa
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

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/ccnh-cyclin-h-antibody-immunoprecipitation-western-blot-elisa/111306>