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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CCNH monoclonal antibody (M01), clone 1B8

Catalog # : H00000902-M01

規格 : [100 ug]

List All

Specification

Product Description: Mouse monoclonal antibody raised against a partial recombinant CCNH.

Immunogen: CCNH (AAH05280, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

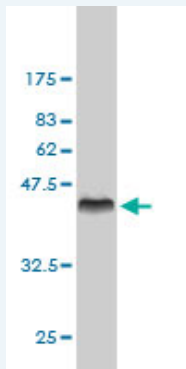
Sequence: MYHNSSQKRHWTFSSSEQLARLRADANRKFRC KAVANGKVL PNDPVFL
EPHEEMTLCKYYEKRLLEFC SVFKPAMP RSVVGTACMYFKRF YLNNSVM
EYHPRIIMLTCAF

Host: Mouse

Reactivity: Human

Isotype: IgG2a kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.73 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Publication Reference

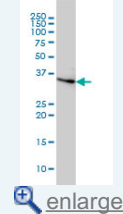
1. Mutations in UVSSA cause UV-sensitive syndrome and impair RNA polymerase II processing in transcription-coupled nucleotide-excision repair. Nakazawa Y, Sasaki K, Mitsutake N, Matsuse M, Shimada M, Nardo T, Takahashi Y, Ohyama K, Ito K, Mishima H, Nomura M, Kinoshita A, Ono S, Takenaka K, Masuyama R, Kudo T, Slor H, Utani A, Tateishi S, Yamashita S, Stefanini M, Lehmann AR, Yoshiura KI, Ogi T. Nat Genet. 2012 Apr 1. doi: 10.1038/ng.2229. [Epub ahead of print]

Applications

Western Blot (Cell lysate)

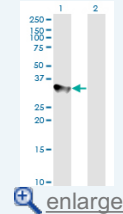
Application Image

Western Blot (Cell lysate)



[enlarge](#)

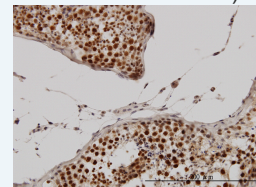
Western Blot (Transfected lysate)



[enlarge](#)

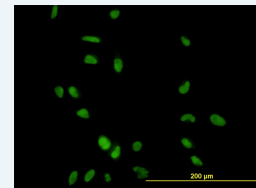
Western Blot (Recombinant protein)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



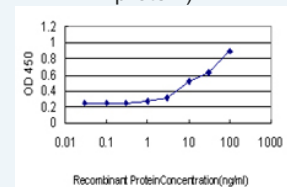
[enlarge](#)

Immunofluorescence



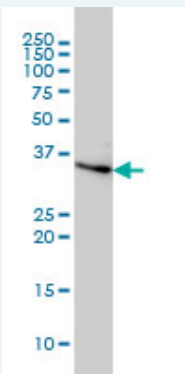
[enlarge](#)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

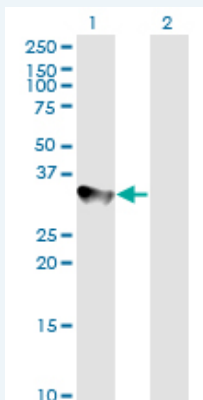
ELISA



CCNH monoclonal antibody (M01), clone 1B8 Western Blot analysis of CCNH expression in HeLa (Cat # L013V1).

[Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of CCNH expression in transfected 293T cell line by CCNH monoclonal antibody (M01), clone 1B8.

Lane 1: CCNH transfected lysate(37.6 KDa).

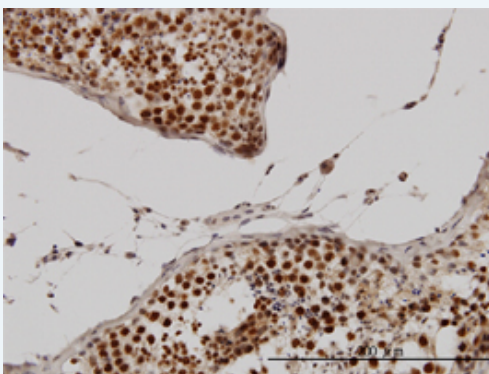
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

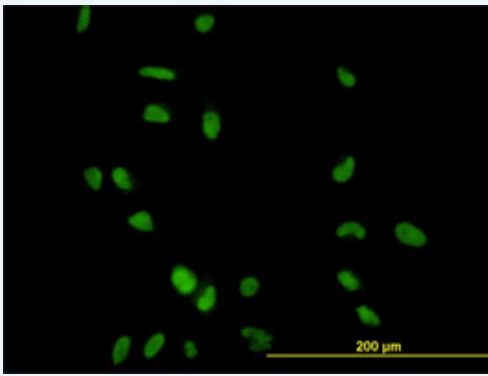


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to CCNH on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Immunofluorescence

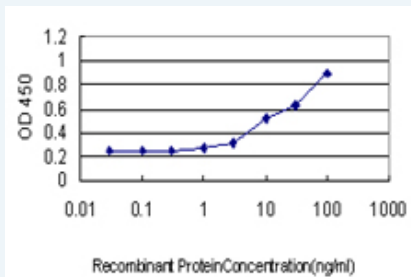


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to CCNH on HeLa cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged CCNH is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [902](#)

GeneBank [BC005280](#)

Accession#:

Protein [AAH05280](#)

Accession#:

Gene Name: CCNH

Gene Alias: CAK,p34,p37

Gene cyclin H

Description:

Omim ID: [601953](#)

Gene Ontology: [Hyperlink](#)

Gene 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 TFIIH, 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. [provided by RefSeq]

Other CDK-activating kinase,MO15-associated protein,cyclin-dependent
Designations: kinase-activating kinase

Gene Pathway

[Cell cycle](#) [Nucleotide excision repair](#)

Related Disease

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[Leukemia, Myeloid, Acute](#) [Lung Neoplasms](#) [Meningioma](#) [Mouth Neoplasms](#)
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