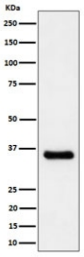
CCNH Antibody / Cyclin H [clone 28C49] (RQ8392)

Catalog No.	Formulation	Size
RQ8392	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	28C49
Purity	Affinity chromatography
UniProt	P51946
Applications	Western Blot : 1:500-1:2000
Limitations	This CCNH antibody is available for research use only.



Western blot testing of human A431 cell lysate with CCNH antibody. Predicted molecular weight ~38 kDa.

Description

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-TFIIH 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. [UniProt]

Application Notes

Optimal dilution of the CCNH antibody should be determined by the researcher.

Immunogen

A synthetic peptide derived from human Cyclin H/p34 was used as the immunogen for the CCNH antibody.

Storage

Store the CCNH antibody at -20oC.

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