



## Datasheet for ABIN6241261 anti-Cyclin H antibody



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### 2 Images

#### Overview

Quantity:	100 µL
Target:	Cyclin H (CCNH)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cyclin H antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

#### Product Details

Immunogen: Recombinant Protein

#### Target Details

Target:	Cyclin H (CCNH)
Alternative Name:	Cyclin H ( <a href="#">CCNH Products</a> )
Background:	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-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.

## Target Details

UniProt: [P51946](#)

Pathways: [Cell Division Cycle, Mitotic G1-G1/S Phases, M Phase](#)

## Application Details

Application Notes: IP: 1:500. WB: 1:1000

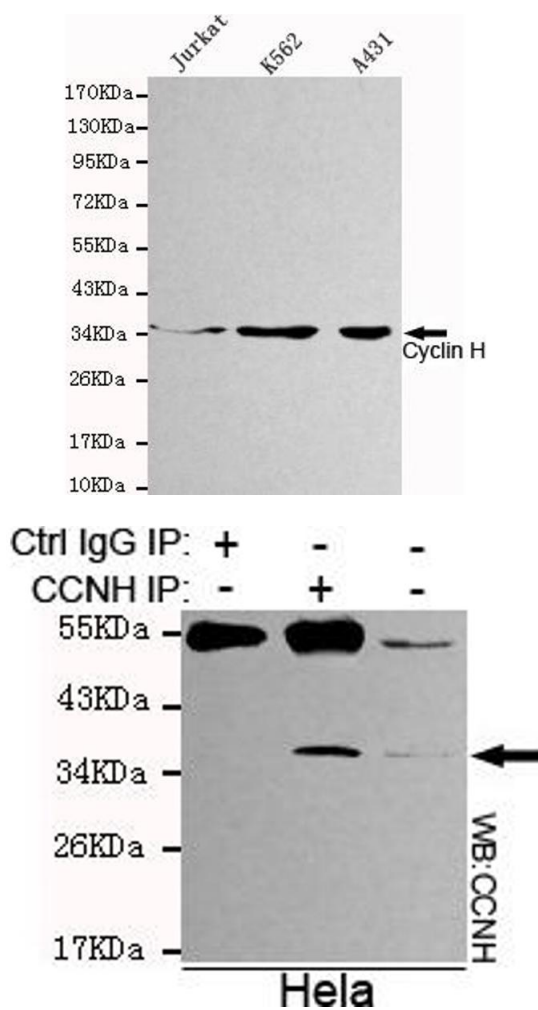
Restrictions: For Research Use only

## Handling

Format: Liquid

Storage: 4 °C, -20 °C

## Images



### Western Blotting

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

### Immunoprecipitation

**Image 2.** Immunoprecipitation analysis of HeLa cell lysates using Cyclin H mouse mAb.