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Datasheet for ABIN7148939

## anti-Cyclin H antibody (AA 261-319)

### 2 Images

#### Overview

Quantity:	100 µg
Target:	Cyclin H (CCNH)
Binding Specificity:	AA 261-319
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin H antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

#### Product Details

Immunogen:	Recombinant Human Cyclin-H protein (261-319AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

#### Target Details

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

## Target Details

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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.

Aliases: 6330408H09Rik antibody, A1661354 antibody, AV102684 antibody, AW538719 antibody, CAK antibody, CAK complex subunit antibody, ccnh antibody, CCNH\_HUMAN antibody, CDK activating kinase antibody, CDK activating kinase complex subunit antibody, Cyclin dependent kinase activating kinase antibody, cyclin dependent kinase activating kinase complex subunit antibody, Cyclin H antibody, Cyclin-H antibody, CyclinH antibody, MO15 associated protein antibody, MO15-associated protein antibody, p34 antibody, p36 antibody, p37 antibody

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UniProt: [P51946](#)

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

## Application Details

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Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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Preservative: ProClin

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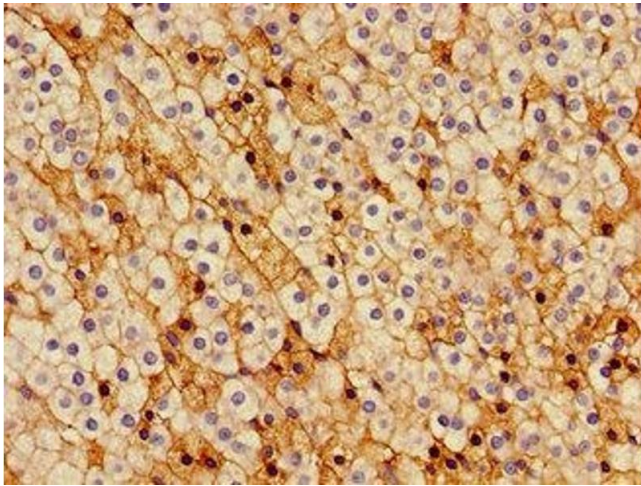
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

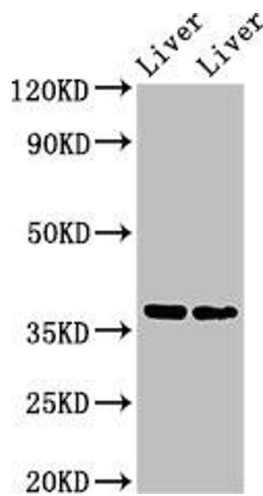
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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7148939 at dilution of 1:100



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Mouse liver tissue, Rat liver tissue All lanes: CCNH antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 38 kDa Observed band size: 38 kDa