

Anti-Cyclin H (pT315) Antibody
Rabbit polyclonal antibody to Cyclin H (pT315)
Catalog # AP60548**Specification**

Anti-Cyclin H (pT315) Antibody - Product Information

Application	WB, IHC
Primary Accession	P51946
Other Accession	Q61458
Reactivity	Human, Mouse, Rat, Monkey, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37643

Anti-Cyclin H (pT315) Antibody - Additional Information**Gene ID** 902**Other Names**

Cyclin-H; MO15-associated protein; p34; p37

Target/Specificity

Recognizes endogenous levels of Cyclin H (pT315) protein.

Dilution

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)

IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-Cyclin H (pT315) Antibody - Protein Information**Name** CCNH**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-TFIH 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.

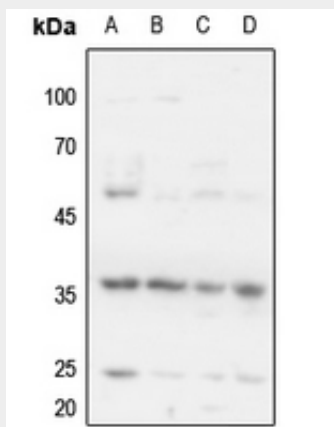
Cellular Location

Nucleus.

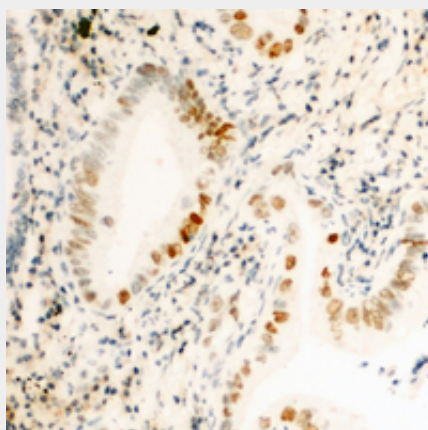
Anti-Cyclin H (pT315) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Cyclin H (pT315) Antibody - Images

Western blot analysis of Cyclin H (pT315) expression in HeLa (A), H1688 (B), mouse liver (C), rat liver (D) whole cell lysates.



Immunohistochemical analysis of Cyclin H (pT315) staining in human kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted

with DPX.

Anti-Cyclin H (pT315) Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Cyclin H. The exact sequence is proprietary.