
Summary

Production Name	Cyclin H Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	CCNH
Alternative Names	CCNH; Cyclin-H; MO15-associated protein; p34; p37
Gene ID	902
SwissProt ID	P51946

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 38 kDa; Observed MW: 38 kDa

Background

Product Name: Cyclin H Rabbit Monoclonal Antibody
Catalog #: AMRe02961

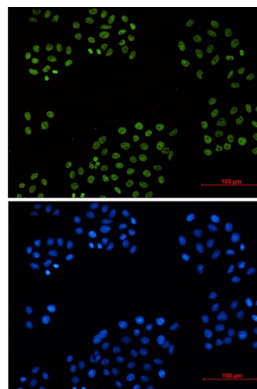


Regulates CDK7, the catalytic subunit of the CDK-activating kinase (CAK) enzymatic complex. CAK activates the cyclin-associated kinases CDK1, CDK2, CDK4 and CDK6 by threonine phosphorylation. CAK complexed to the core-TFIID basal transcription factor activates RNA polymerase II by serine phosphorylation 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.

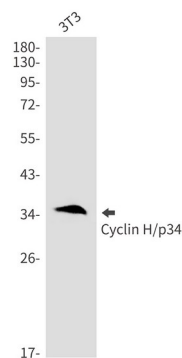
Research Area

Cell Biology

Image Data

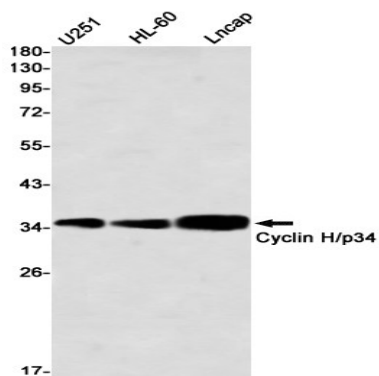


Immunocytochemistry analysis of Cyclin H (green) in HeLa using Cyclin H antibody, and DAPI (blue).



Western blot analysis of Cyclin H/p34 in 3T3 lysates using Cyclin H/p34 antibody.

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Western blot analysis of Cyclin H/p34 in U251, HL-60, Lncap lysates using Cyclin H/p34 antibody

Note

For research use only.