

Cyclin H/p34 Antibody

Rabbit mAb

Catalog # AP92853

Product Information

Application	WB
Primary Accession	P51946
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	CAK; CAK complex subunit; CDK activating kinase; CDK activating kinase complex subunit; CyclinH; MO15 associated protein; p34; p36; p37;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	37643

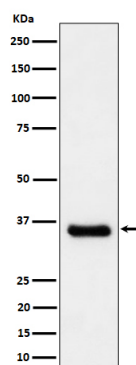
Additional Information

Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Cyclin H/p34
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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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-TFIIF 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.

Images



Western blot analysis of Cyclin H/p34 expression in A431 cell lysate.

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