Cyclin H/p34 Antibody
Rabbit mAb
Catalog # AP92853

Specification

Cyclin H/p34 Antibody - Product Information

Application	**WB**
Primary Accession	P51946
Reactivity	**Rat**
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 Da**

Cyclin H/p34 Antibody - Additional Information

Dilution	**WB~~1:1000**
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.**

Cyclin H/p34 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-TFIIH 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.
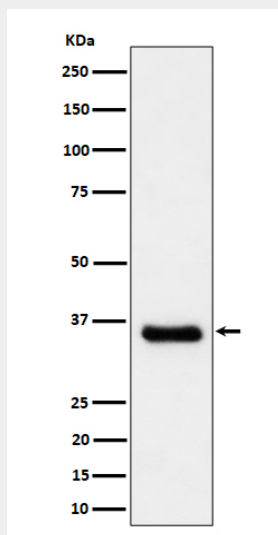
Cellular Location
Nucleus.

Cyclin H/p34 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 Cytomety
- Cell Culture

Cyclin H/p34 Antibody - Images

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