

Cyclin H (phospho Thr315) Polyclonal Antibody

Catalog # AP67284

Specification

Cyclin H (phospho Thr315) Polyclonal Antibody - Product Information

Application WB, IHC-P Primary Accession P51946

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

Cyclin H (phospho Thr315) Polyclonal Antibody - Additional Information

Gene ID 902

Other Names

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

Dilution

WB $\sim\sim$ Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Cyclin H (phospho Thr315) Polyclonal Antibody - Protein Information

Name CCNH

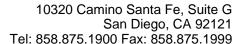
Function

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 (phospho Thr315) Polyclonal Antibody - Protocols

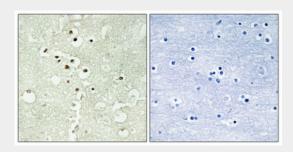




Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Cyclin H (phospho Thr315) Polyclonal Antibody - Images



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Cyclin H (phospho Thr315) Polyclonal Antibody - Background

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