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Cyclin H (13F15) Rabbit Monoclonal Antibody

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Catalog # AP93677

Product Information

Application	WB, IHC-P, ICC, FC
Primary Accession	P51946
Reactivity	Human, Mouse
Clonality	Monoclonal
Calculated MW	37643

Additional Information

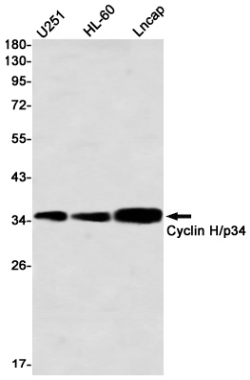
Gene ID	902
Other Names	Cyclin-H, MO15-associated protein, p34, p37, CCNH
Dilution	WB~~1:1000 IHC-P~~N/A ICC~~N/A FC~~1:10~50
Storage Conditions	-20℃

Protein Information

Name	CCNH
Function	Component of the CDK-activating kinase (CAK) complex, a master regulator of CDK activity by catalyzing the activating threonine phosphorylation of CDKs (PubMed:41100585). Binds and activates cyclin- dependent protein kinase CDK7, the catalytic subunit of CAK (PubMed:41100585). CAK activates major mediators of cell cycle control, including CDK1, CDK2, CDK4 and CDK6, and plays a key role in regulating cell cycle progression (PubMed:41100585). 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 (PubMed:7533895, PubMed:10024882). Involved in cell cycle control and in RNA transcription by RNA polymerase II (PubMed:7533895, PubMed:10024882). Its expression and activity are constant throughout the cell cycle.
Cellular Location	Nucleus.

Images

Western blot detection of Cyclin H/p34 in



U251,HL-60,Lncap using Cyclin H/p34 antibody(1:1000 diluted)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.