

Product datasheet for **TA330360**

Cyclin H (CCNH) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CCNH antibody: synthetic peptide directed towards the C terminal of human CCNH. Synthetic peptide located within the following region: KQKLERCHSAELALNVITKKRKGIEDDDYVSKKSKHEEEEWTDDDLVESL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	38 kDa
Gene Name:	cyclin H
Database Link:	NP_001230 Entrez Gene 902 Human P51946
Background:	Cyclin H regulates CDK7, the catalytic subunit of the CDK- activating kinase (CAK) enzymatic complex. CAK activates the cyclin-associated kinases CDC2/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 carboxyl-terminus domain (CTD) of its large subunit (POLR2A), allowing its escape from the promoter and elongation of the transcripts. It is involved in cell cycle control and in RNA transcription by RNA polymerase II. Its expression and activity are constant throughout the cell cycle.



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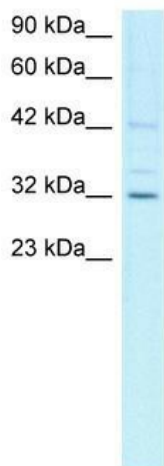
Synonyms: CAK; Cych; p34; p37

Note: Immunogen sequence homology: Guinea pig: 100%; Horse: 100%; Human: 100%; Pig: 100%; Mouse: 83%; Rabbit: 83%; Rat: 83%

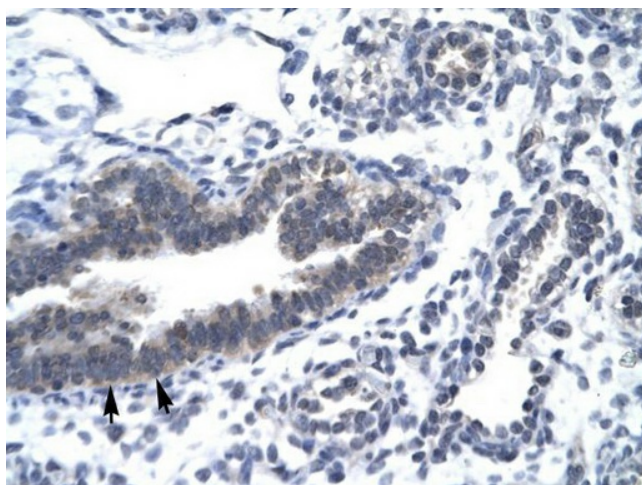
Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Cell cycle, Nucleotide excision repair

Product images:



WB Suggested Anti-CCNH Antibody Titration: 1ug/ml; Positive Control: Jurkat cell lysate. CCNH is supported by BioGPS gene expression data to be expressed in Jurkat



Human Lung