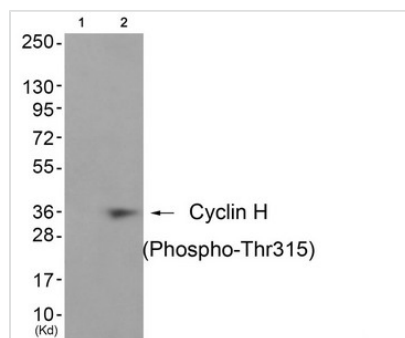




Phospho-CCNH (Thr315) Antibody

Product Code	CSB-PA916851
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P51946
Immunogen	Peptide sequence around phosphorylation site of threonine 315 (E-W-T(p)-D-D) derived from Human Cyclin H .
Raised In	Rabbit
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous levels of Cyclin H only when phosphorylated at threonine 315.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	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. Maekelae T.P., Nature 371:254-257(1994). Fisher R.P., Cell 78:713-724(1994). The MGC Project Team; Genome Res. 14:2121-2127(2004).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	cyclin H; p34; p37; MO15-associated protein;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	CCNH
Image	



Western blot analysis of extracts from JK cells (Lane 2), using Cyclin H (Phospho-Thr315) Antibody. The lane on the left is treated with antigen-specific peptide.

Product Modify

Phospho-Thr315