antibodies -online.com









Overview

Quantity:	100 μL
Target:	Cyclin H (CCNH)
Binding Specificity:	AA 221-323
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin H antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Cyclin H
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target: Cyclin H (CCNH)	Target:	Cyclin H (CCNH)			
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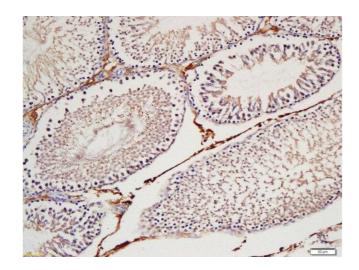
Target Details

Target Details	
Alternative Name:	Cyclin H (CCNH Products)
Background:	Synonyms: CAK, p34, p37, CycH, Cyclin-H, M015-associated protein, CCNH
	Background: 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.
Gene ID:	902
UniProt:	P51946
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases, M Phase
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

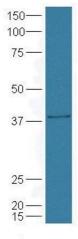
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded labeled with Rabbit Anti-Cyclin H Polyclonal Antibody, Unconjugated (ABIN734408) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Western Blotting

Image 2. Lane 1: K-562 lysates probed with Rabbit Anti-Cyclin H Polyclonal Antibody, Unconjugated (ABIN734408) at 1:300 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:5000 for 90 min at 37 °C.