

## CDK1 Antibody

Cat. No.:	HY-P80611
Synonyms:	CDK1 Antibody is a non-conjugated and Rabbit originated monoclonal antibody about 34 kDa, targeting to CDK1. It can be used for WB,IP assays with tag free, in the background of Human.
Host:	Rabbit
Reactivity:	Human
Conjugation:	Non-conjugated
SwissProt ID:	P06493
Research Field:	Cell Biology
Molecular Weight:	Predicted band size: 34 kDa

### PROPERTIES

Formulation	Supplied in 50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol and 0.05% BSA. Preservative: 0.01% Sodium azide	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IP	1:20
Shipping	Shipping with blue ice.	

### DESCRIPTION

Background	<p>CDK1: The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits. The kinase activity of this protein is controlled by cyclin accumulation and destruction through the cell cycle. The phosphorylation and dephosphorylation of this protein also play important regulatory roles in cell cycle control. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]</p>
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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