

## cdc2 (phospho-Thr14) rabbit pAb

Catalog_no :	AP1293
Applications :	WB
Reactivity :	Human
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	CDK1 CDC2 CDC28A CDKN1 P34CDC2
Protein_name :	cdc2 (Thr14)
Humangene_id	<a href="#">983</a>
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Humanswissprot	<a href="#">P06493</a>
_no :	
Mousegene_id :	<a href="#">12534</a>
Mouseswissprot	<a href="#">P11440</a>
_no :	
Ratgene_id :	<a href="#">54237</a>
Ratswissprot_no	<a href="#">P39951</a>
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Immunogen :	Synthesized phosho peptide around human cdc2 (Thr14)
Specificity :	This antibody detects endogenous levels of Human cdc2 (phospho-Thr14)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability	-20°C/1 year
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Other_name :	Cyclin-dependent kinase 1 (CDK1) (EC 2.7.11.22) (EC 2.7.11.23) (Cell division control protein 2 homolog) (Cell division protein kinase 1) (p34 protein kinase)

Molecular Weight : 34KD

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**Background :** cyclin dependent kinase 1(CDK1) Homo sapiens 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],

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