

Cdk1/2/3 (phospho Thr14) Polyclonal Antibody

Catalog No: #13981



Package Size: #13981-1 50ul #13981-2 100ul

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Description

Product Name	Cdk1/2/3 (phospho Thr14) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IF/ICC,ELISA
Species Reactivity	Human,Mouse,Rat,Monkey
Specificity	Phospho-Cdk1/2/3 (T14) Polyclonal Antibody detects endogenous levels of Cdk1/2/3 protein only when phosphorylated at T14.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human CDK1/CDC2 around the phosphorylation site of Thr14. AA range:1-50
Other Names	CDK1; CDC2; CDC28A; CDKN1; P34CDC2; Cyclin-dependent kinase 1; CDK1; Cell division control protein 2 homolog; Cell division protein kinase 1; p34 protein kinase; CDK2; CDKN2; Cyclin-dependent kinase 2; Cell division protein kinase 2; p33 pr
Accession No.	Swiss Prot:P06493/P24941/Q00526GeneID:1017
Uniprot	P06493/P24941/Q00526
GeneID	1017
SDS-PAGE MW	34
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

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].

Note: This product is for in vitro research use only