

Phospho-Cdk1/Cdk2/Cdk3 (Thr14) Rabbit pAb

db2492

Package : 20μL 50μL 100μL

Product Name : Phospho-Cdk1/Cdk2/Cdk3 (Thr14) Rabbit pAb**Cat.No.:** db2492**Synonyms** : CDC2; CDC28A; P34CDC2**Application** : WB, IHC, ICC/IF, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

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]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Thr14 of human Cdk1

Gene ID

983

Swiss Prot

P06493

Synonyms

CDC2; CDC28A; P34CDC2

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF, IP

Recommended dilution

WB: 1:1000

IHC: 1:50

ICC/IF: 1:50

IP: 1:20

Calculated MW

34 kDa

Observed MW

34 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.