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.