

## cdc2 (phospho-Thr14) rabbit pAb

Catalog No: #13986

Package Size: #13986-1 50ul #13986-2 100ul

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## Description

|                       |  |
|-----------------------|--|
| Product Name          | cdc2 (phospho-Thr14) rabbit pAb  |
| Host Species          | Rabbit   |
| Purification          | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.  |
| Applications          | WB   |
| Species Reactivity    | Human  |
| Specificity           | This antibody detects endogenous levels of Human cdc2 (phospho-Thr14)  |
| Immunogen Description | Synthesized phospho peptide around human cdc2 (Thr14)  |
| Other Names           | 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) |
| Accession No.         | Swiss Prot:P06493GeneID:983  |
| Uniprot               | P06493   |
| GeneID                | 983  |
| 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

WB 1:1000-2000

## 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