

# CDK1 Rabbit pAb

Catalog No.: A2861 **2 Publications**

## Basic Information

### Observed MW

34kDa

### Calculated MW

34kDa

### Category

Primary antibody

### Applications

ELISA,WB,IP

### Cross-Reactivity

Human, Mouse, Rat

## 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.

## Recommended Dilutions

WB 1:200 - 1:1000

IP 1:50 - 1:100

## Immunogen Information

### Gene ID

983

### Swiss Prot

P06493

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 198-297 of human CDK1 (NP\_001777.1).

### Synonyms

CDC2; CDC28A; P34CDC2; CDK1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.