

## CDK1 Recombinant antibody

**Cat:**B35999D**Company:** HaoKebio**Uniprot ID:**P06493**Applications:** IHC:1:50-1:100**Organism:**Rabbit

IHC-Polymer:1:400-1:800

**Species reactivity:**Human

IHC-TSA:1:500-1:1000

**Molecular Weight Calculation:** 34 kDa

WB:1:2000-1:5000

**Observed Molecular Weight:** 34 kDa

IP:1:20

FC:1:20

**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.

**Synonyms:**

CDC2; CDC28A; P34CDC2

**Immunogen:**

Recombinant protein

**Isotype:**

IgG

**Subcellular location:**

Cytoplasm,Nucleus

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**

PBS with 0.02%sodium azide,100 µg/ml BSA and 50% glycerol.

**Storage:**

Store at -20 °C for one year.

**Experimental procedure:**

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes.Incubate antibody, 4°C overnight.Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

**Source of Reagents:**

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