

CDK4 Recombinant antibody

Cat: B33439D

Company: HaoKebio

Uniprot ID: P11802

Applications: IHC:1:100-1:200

Organism: Rabbit

IHC-Polymer:1:400-1:800

Species reactivity: Human

IHC-TSA:1:500-1:1000

Molecular Weight Calculation: 34 kDa

WB:1:1000-1:5000

Observed Molecular Weight: 34 kDa

FC:1:10-1:100

Background:

The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is highly similar to the gene products of *S. cerevisiae* cdc28 and *S. pombe* cdc2. It is a catalytic subunit of the protein kinase complex that is important for cell cycle G1 phase progression. The activity of this kinase is restricted to the G1-S phase, which is controlled by the regulatory subunits D-type cyclins and CDK inhibitor p16(INK4a). This kinase was shown to be responsible for the phosphorylation of retinoblastoma gene product (Rb). Mutations in this gene as well as in its related proteins including D-type cyclins, p16(INK4a) and Rb were all found to be associated with tumorigenesis of a variety of cancers. Multiple polyadenylation sites of this gene have been reported.

Synonyms:

CMM3; PSK-J3

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

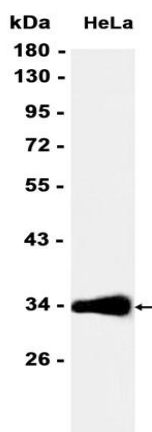
Storage:

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.

Images:



Dilution of 1:5000 incubated at room temperature for 1.5 hours.

Source of Reagents:

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发表[英文论文]请标注:CDK4(B33439D) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.