CDK4 Antibody

PACO14221

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:1000-1:5000, WB:1:500-1:2000, IHC:1:10-1:50

Protein 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.

Gene ID:

CDK4

Uniprot

P11802

Synonyms:

Cyclin-dependent kinase 4

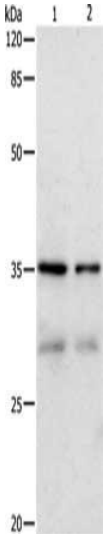
Immunogen:

Fusion protein of human CDK4.

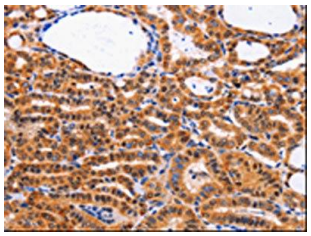
Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images



Gel: 12%SDS-PAGE, Lysate: 30 μ g, Lane 1-2: Hela cells, 293T cells, Primary antibody: PACO14221(CDK4 Antibody) at dilution 1/450, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO14221(CDK4 Antibody) at dilution 1/10, on the right is treated with fusion protein. (Original magnification: x—200).

