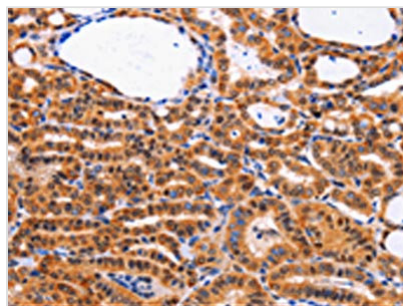


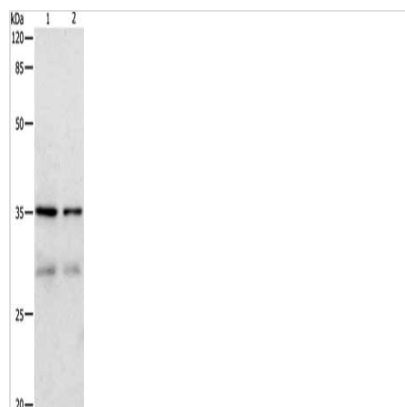
CDK4 Antibody

Product Code	CSB-PA597701
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P11802
Immunogen	Fusion protein of Human CDK4
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,WB,IHC;ELISA:1:1000-1:5000,WB:1:500-1:2000,IHC:1:10-1:50
Relevance	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 <i>S. cerevisiae</i> cdc28 and <i>S. pombe</i> 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.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification Method	Antigen affinity purification
Isotype	IgG
Alias	Cyclin-dependent kinase 4
Species	Homo sapiens (Human)
Target Names	CDK4

Image



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CSB-PA597701(CDK4 Antibody) at dilution 1/10, on the right is treated with fusion protein. (Original magnification: ×200)



Gel: 12%SDS-PAGE, Lysate: 30 μ g, Lane 1-2:
Hela cells, 293T cells, Primary antibody: CSB-
PA597701(CDK4 Antibody) at dilution 1/450,
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution, Exposure time: 1 minute