

• Rabbit Anti-CDK4 Polyclonal Antibody

Primary Antibodies

Background:

CDK4 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.

Source/Purification:

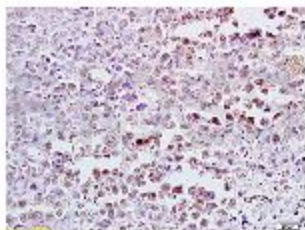
KLH conjugated synthetic peptide derived from human CDK4 C-terminus. Was purified by Protein A and peptide affinity chromatography.

Storage: Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year.

Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.



Size: 100ul or 100ug lyophilized

Concentration: 1ug/uL

Host: Rabbit

Reactivities: Human, Mouse, Rat, Pig, Cow,

Application:

- WB(1:100-500)
 - ELISA(1:500-1000)
 - IP(1:20-100)
 - IHC-P(1:100-500)
 - IHC-F(1:100-500)
 - IF(1:100-500)
 - Not yet tested in other applications.
- Optimal working dilutions must be determined by the end user.

Antibody Type: Polyclonal

Isotype: IgG

Molecular Weight: 33kDa

Preservatives:

10ug/uL BSA and 0.1% NaN₃.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.