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CDK4 Polyclonal Antibody

Cat #: G-AB-01967

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
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:

Accession #: BC003644

Immunogen: Recombinant protein of human CDK4

Conjugation: Unconjugated

Swissprot: P11802

Calculated Molecular Weight: 34 kDa

Observed Molecular Weight:

Concentration: 0.4 mg/mL

Buffer: PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Purification Method: Affinity purification

Application: WB,ELISA

Dilution: WB 1:500-1:2000

Storage: Store at -20°C. Avoid freeze / thaw cycles.