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Anti-Human/Mouse CDK3 Polyclonal Antibody

多克隆抗体

产品货号: PA10928

第三版

**描述:** This gene encodes a member of the cyclin-dependent protein kinase family. The protein promotes entry into S phase, in part by activating members of the E2F family of transcription factors. The protein also associates with cyclin C and phosphorylates the retinoblastoma 1 protein to promote exit from G<sub>0</sub>. Serine/threonine-protein kinase that plays a critical role in the control of the eukaryotic cell cycle; involved in G<sub>0</sub>-G<sub>1</sub> and G<sub>1</sub>-S cell cycle transitions. Interacts with CCNC/cyclin-C during interphase. Phosphorylates histone H1, ATF1, RB1 and CABLES1. ATF1 phosphorylation triggers ATF1 transactivation and transcriptional activities, and promotes cell proliferation and transformation. CDK3/cyclin-C mediated RB1 phosphorylation is required for G<sub>0</sub>-G<sub>1</sub> transition. Promotes G<sub>1</sub>-S transition probably by contributing to the activation of E2F1, E2F2 and E2F3 in a RB1-independent manner.

**抗原:** Synthetic peptide of human CDK3

**配方:**

**如何使用:** 加1ml超纯水重溶

**稳定性:** -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

**稀释液:** PBS (pH7.4) ， 1% BSA

**应用:** WB 1 ~ 5 μg/ml.

**特异性:** Expressed in cancer cell lines and glioblastoma tissue. 1 Publication