

CDK4 Antibody



Catalog No: T55836

Reactivity: Human Mouse Rat

IsoType: Rabbit IgG

Applications: WB ICC/IF IP

www.ab-mart.com.cn

400-6123-828

Information

UniProt ID: P11802

All Names: Cyclin-dependent kinase 4; Cell division protein kinase 4; PSK-J3; PSKJ3; CDK4; Crk3; CMM 3;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

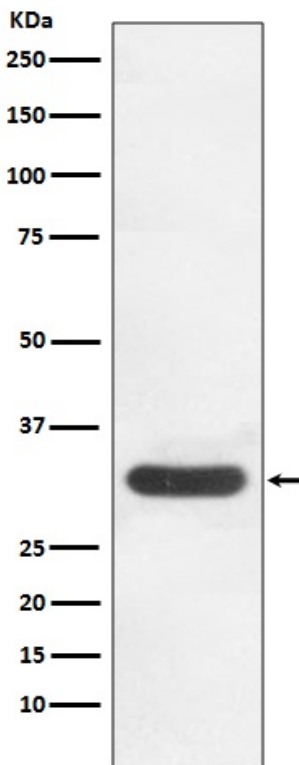
Molecular Wt.: 34kDa

Application

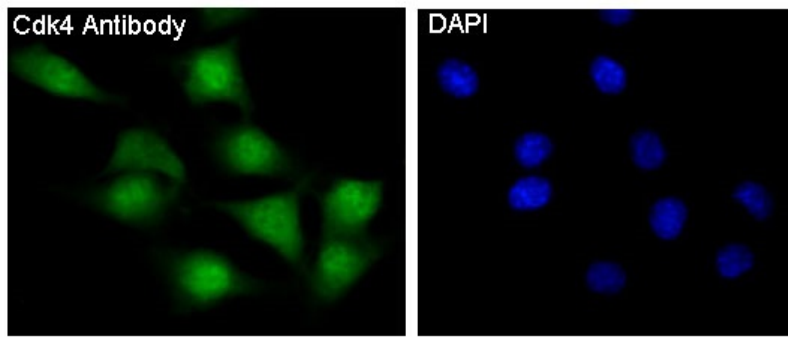
WB 1:1000~1:2000 ICC/IF 1:50~1:200 IP 1:50

Background

Cyclin-dependent kinase activity is regulated by T-loop phosphorylation (Thr172 in the case of CDK4), by the abundance of their cyclin partners, and by association with CDK inhibitors of the Cip/Kip or INK family of proteins. The active complex of CDK4/cyclin D targets the retinoblastoma protein for phosphorylation, allowing the release of E2F transcription factors that activate G1/S-phase gene expression.



Western blot analysis of CDK4 expression in HeLa cell lysate.



Immunofluorescent analysis of NIH/3T3 cells, using CDK4 Antibody.