

CDK4 Antibody, Rabbit PAb, Antigen Affinity Purified



Sino Biological
Biological Solution Specialist

Catalog Number: 10732-T38

GENERAL INFORMATION

Immunogen:	Recombinant Human CDK4 Protein (Catalog#10732-H09B)
Preparation	Produced in rabbits immunized with purified, recombinant Human CDK4 (rh CDK4; Catalog#10732-H09B; NP_000066.1; Met1-Glu303). CDK4 specific IgG was purified by Human CDK4 affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human CDK4
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

APPLICATIONS

Applications:	WB, ICC/IF, IP
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RECOMMENDED CONCENTRATION

ICC/IF	ICC/IF: 1:50-1:200
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 1-5µL/mg of lysate

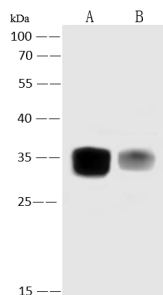
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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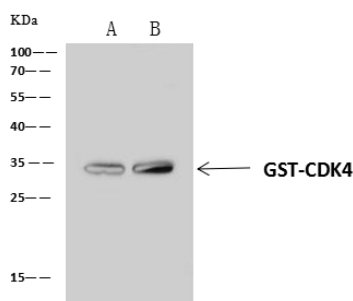


Anti-CDK4 rabbit polyclonal antibody at 1:1000 dilution
Lane A: HeLa Whole Cell Lysate
Lane B: K562 Whole Cell Lysate

Lysates/proteins at 30 µg per lane.
Secondary
Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.

Developed using the ECL technique.
Performed under reducing conditions.

Predicted band size: 34 kDa
Observed band size: 34 kDa



GST-CDK4 was immunoprecipitated using:

Lane A: 0.5 mg HeLa Whole Cell Lysate
Lane B: 0.5 mg K562 Whole Cell Lysate

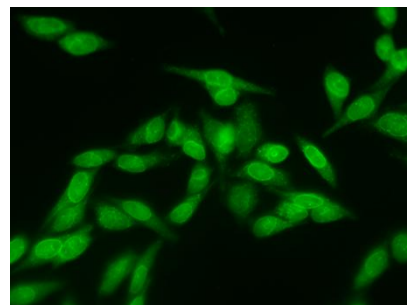
4 µL anti-GST-CDK4 rabbit polyclonal antibody and 60 µg
of Immunomagnetic beads Protein A/G.

Primary antibody:
Anti-GST-CDK4 rabbit polyclonal antibody, at 1:100 dilution

Secondary antibody:
Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution

Developed using the ECL technique.
Performed under reducing conditions.

Predicted band size: 34 kDa
Observed band size: 34 kDa



Immunofluorescence staining of GST-CDK4 in HeLa cells.
Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human GST-CDK4 polyclonal antibody (dilution ratio 1:100) at 4°C overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus and Cytoplasm.