

### 39-2111: Anti-Cdk4 Polyclonal Antibody

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	Cdk4
<b>Gene ID :</b>	12567
<b>Uniprot ID :</b>	P30285
<b>Alternative Name :</b>	Cyclin-dependent kinase 4; 2.7.11.22; CRK3; Cell division protein kinase 4; PSK-J3; Cdk4; Crk3
<b>Isotype :</b>	Rabbit IgG

#### Description

Cyclin-dependent kinase-4(CDK4) is a protein-serine kinase involved in the cell cycle. Human cell division is regulated primarily at the G1-to-S or the G2-to-M boundaries within the cell cycle. The complexes formed by CDK4 and the D-type cyclins are involved in the control of cell proliferation during the G1 phase. CDK4 is inhibited by p16, also known as cyclin-dependent kinase inhibitor-2. CDK4 is mapped to 12q14. CDK4 expression and activity are required for cytokine responsiveness in T cells.

#### Product Info

<b>Amount :</b>	100 µg/vial
<b>Purification :</b>	Immunogen affinity purified.
<b>Content :</b>	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub> . Reconstitute : Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
<b>Storage condition :</b>	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

#### Application Note

Western blot : 0.1-0.5µg/ml

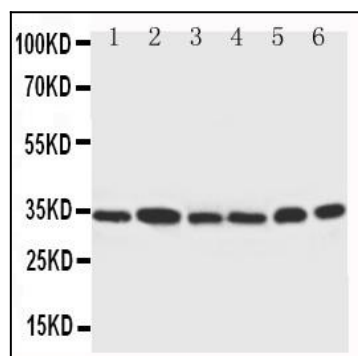


Figure 1: Anti-Cdk4 antibody(39-2111). Western blotting: Lane 1: Rat Thymus Tissue Lysate, Lane 2: HELA Cell Lysate, Lane 3: MCF-7 Cell Lysate, Lane 4: A549 Cell Lysate, Lane 5: COLO320 Cell Lysate, Lane 6: JURKAT Cell Lysate.