

## CDK6 Ab

[References\(10\)](#) [Images\(4\)](#)

Cat.#: DF6448  
Size:

Concn.: ~1mg/ml  
Source: Rabbit

Mol.Wt.: 36kDa  
Clonality: Polyclonal

Application:

WB 1:500-1:2000, IHC 1:50-1:200  
\*The optimal dilutions should be determined by the end user.

Reactivity:

Human, Mouse, Rat

Storage:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen:

A synthesized peptide derived from human CDK6, corresponding to a region within N-terminal amino acids.

Uniprot:

Q00534

Description:

The cyclin-dependent kinases form complexes with their cyclin partners and with CDK inhibitors. CDK6 and CDK4 associate with the D-type cyclins and target the retinoblastoma protein, allowing passage through the G1/S phase restriction point. CDK6/cyclin D complexes are sequestered in their inactive form through binding to one of the INK4 CDK inhibitor family members (2,3). Unlike the INK4 family of cdk inhibitors, the CDK inhibitor p21 Waf1/Cip1 may enhance the association of CDK4 and CDK6 with their cyclin D partners.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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