

## CDK2 Antibody

Catalog No: #35361

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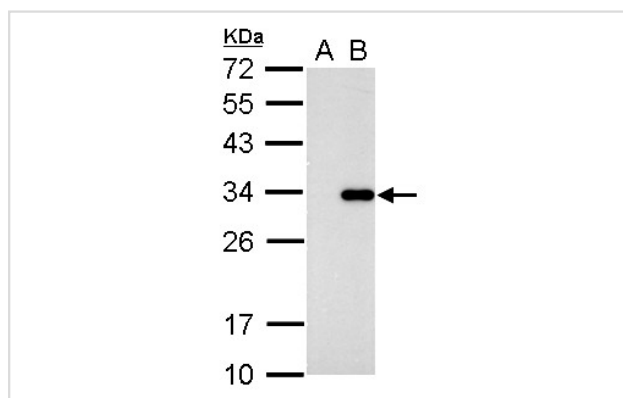
## Description

Product Name	CDK2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by antigen-affinity chromatography.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CDK2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 1 and 269 of CDK2.
Target Name	CDK2
Other Names	p33(CDK2) antibody; CDK2 antibody; cdc2-related protein kinase antibody; cell division kinase 2 antibody; cyclin-dependent kinase 2 antibody; p33 protein kinase antibody; cell division protein kinase 2 antibody
Accession No.	Swiss-Prot#:P24941;NCBI Gene#:1017
Uniprot	P24941
GeneID	1017;
SDS-PAGE MW	34kd
Concentration	1mg/ml
Formulation	Rabbit IgG in 1XPBS, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C

## Application Details

Western blotting: 1:1000-1:10000

## Images



CDK2 antibody [N1C3] detects CDK2 protein by western blot analysis. A. 30 ug 293T whole cell lysate/extract. B. 30 ug whole cell lysate/extract of human CD2K-transfected 293T cells. 12 % SDS-PAGE #35361 diluted at 1:5000

## Background

The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein kinase is highly similar to the gene products of S.

cerevisiae cdc28, and S. pombe cdc2. It is a catalytic subunit of the cyclin-dependent protein kinase complex, whose activity is restricted to the G1-S phase, and essential for cell cycle G1/S phase transition. This protein associates with and regulated by the regulatory subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A) and p27Kip1 (CDKN1B). Its activity is also regulated by its protein phosphorylation. Two alternatively spliced variants and multiple transcription initiation sites of this gene have been reported. [provided by RefSeq]

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Note: This product is for in vitro research use only