

# CDK2 Rabbit pAb

Catalog No.: A2439 **3 Publications**

## Basic Information

### Observed MW

33kDa

### Calculated MW

34kDa

### Category

Primary antibody

### Applications

WB,IP

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a member of a family of serine/threonine protein kinases that participate in cell cycle regulation. The encoded protein is the catalytic subunit of the cyclin-dependent protein kinase complex, which regulates progression through the cell cycle. Activity of this protein is especially critical during the G1 to S phase transition. This protein associates with and regulated by other subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A), and p27Kip1 (CDKN1B). Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IP</b>	1:20 - 1:50

## Immunogen Information

### Gene ID

1017

### Swiss Prot

P24941

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

CDKN2; p33(CDK2); CDK2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

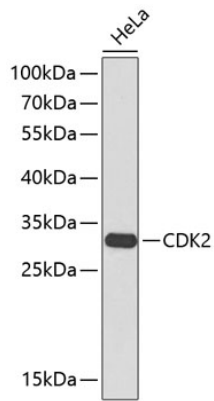
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of lysates from HeLa cells, using CDK2 Rabbit pAb (A2439).  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.