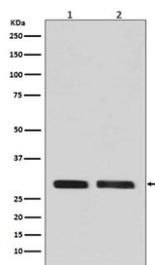


## CDC2 Antibody / CDK1 [clone CBB-3] (RQ5151)

Catalog No.	Formulation	Size
RQ5151	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

<b>Availability</b>	1-2 weeks
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Name</b>	CBB-3
<b>Purity</b>	Affinity purified
<b>UniProt</b>	P06493
<b>Applications</b>	Western Blot : 1:500-1:2000
<b>Limitations</b>	This CDC2 antibody is available for research use only.



Western blot testing of human 1) A431 and 2) HeLa cell lysate with CDC2 antibody.  
Predicted molecular weight ~33 kDa.

### Description

The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits. The kinase activity of this protein is controlled by cyclin accumulation and destruction through the cell cycle. The phosphorylation and dephosphorylation of this protein also play important regulatory roles in cell cycle control. [RefSeq]

## **Application Notes**

Optimal dilution of the CDC2 antibody should be determined by the researcher.

## **Immunogen**

A synthetic peptide specific to human CDK1 / CDC2 was used as the immunogen for the CDC2 antibody.

## **Storage**

Store the CDC2 antibody at -20oC.