

**Cdc25C Antibody**  
Rabbit mAb  
Catalog # AP90931

## Specification

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### Cdc25C Antibody - Product Information

Application **WB, IHC, FC, ICC, IP**  
Primary Accession **[P30307](#)**  
Clonality **Monoclonal**  
**Other Names**  
CDC25; CDC25C; Cell division cycle 25 homolog C; MPIP3; PPP1R60;

Isotype **Rabbit IgG**  
Host **Rabbit**  
Calculated MW **53365 Da**

### Cdc25C Antibody - Additional Information

Purification **Affinity-chromatography**  
Immunogen **A synthesized peptide derived from human Cdc25C**  
Description **Functions as a dosage-dependent inducer in mitotic control. It is a tyrosine protein phosphatase required for progression of the cell cycle. It directly dephosphorylates CDK1 and activate its kinase activity.**  
Storage Condition and Buffer **Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

### Cdc25C Antibody - Protein Information

**Name** CDC25C

#### **Function**

Functions as a dosage-dependent inducer in mitotic control. Tyrosine protein phosphatase required for progression of the cell cycle (PubMed:[8119945](http://www.uniprot.org/citations/8119945)). When phosphorylated, highly effective in activating G2 cells into prophase (PubMed:[8119945](http://www.uniprot.org/citations/8119945)). Directly dephosphorylates CDK1 and activates its kinase activity (PubMed:[8119945](http://www.uniprot.org/citations/8119945)).

#### **Cellular Location**

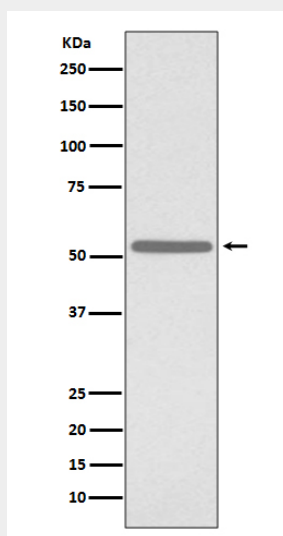
Nucleus

## Cdc25C Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Cdc25C Antibody - Images



Western blot analysis of Cdc25C expression in K562 cell lysate.