

**Phospho-Cdc25C (Ser216) Antibody**  
**Catalog # ABV11990****Specification**

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**Phospho-Cdc25C (Ser216) Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">P30307</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Isotype           | Rabbit IgG             |
| Calculated MW     | 53365                  |

**Phospho-Cdc25C (Ser216) Antibody - Additional Information****Gene ID** 995

|                     |                                             |
|---------------------|---------------------------------------------|
| Positive Control    | WB: VEC, 293 and A549 cell lysates          |
| Application & Usage | WB 1:500-1:2000; IHC 1:100-1:300; E 1:10000 |

**Other Names**

M-phase inducer phosphatase 3, Dual specificity phosphatase Cdc25C, CDC25C

**Target/Specificity**

CDC25C

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Handling**

The antibody solution should be gently mixed before use

**Reconstitution & Storage**

-20°C

**Background Descriptions****Precautions**

Phospho-Cdc25C (Ser216) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Phospho-Cdc25C (Ser216) 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:<a href="http://www.uniprot.org/citations/8119945" target="\_blank">8119945</a>). When phosphorylated, highly effective in activating G2 cells into prophase (PubMed:<a href="http://www.uniprot.org/citations/8119945" target="\_blank">8119945</a>). Directly dephosphorylates CDK1 and activates its kinase activity (PubMed:<a href="http://www.uniprot.org/citations/8119945" target="\_blank">8119945</a>).

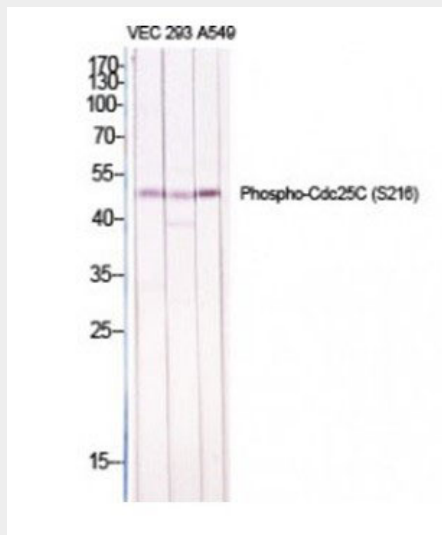
**Cellular Location**

Nucleus

**Phospho-Cdc25C (Ser216) 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](#)

**Phospho-Cdc25C (Ser216) Antibody - Images**

WB analysis using PhosphoCdc25C (Ser216) Polyclonal Antibody in VEC, 293 and A549 cells