

Cdc25C (phospho Ser216) Polyclonal Antibody
Catalog # AP66990**Specification****Cdc25C (phospho Ser216) Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	P30307
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Cdc25C (phospho Ser216) Polyclonal Antibody - Additional Information**Gene ID** 995**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Cdc25C (phospho Ser216) Polyclonal 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

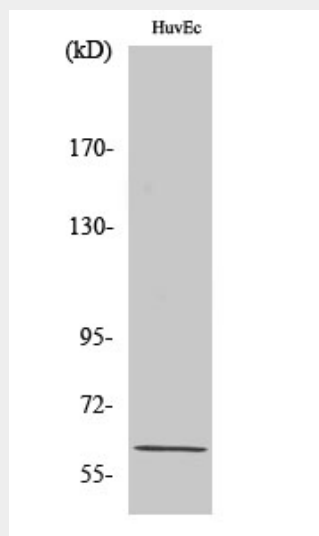
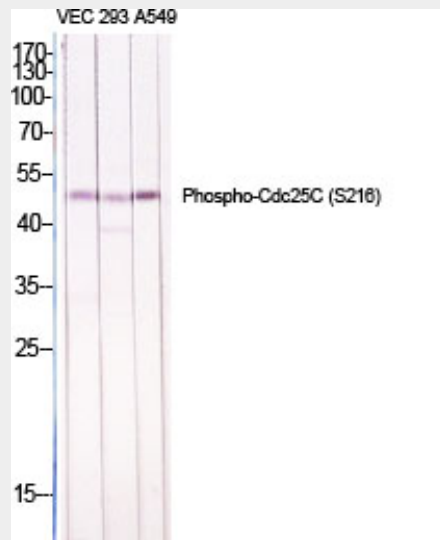
Nucleus

Cdc25C (phospho Ser216) Polyclonal 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 (phospho Ser216) Polyclonal Antibody - Images



Cdc25C (phospho Ser216) Polyclonal Antibody - Background

Functions as a dosage-dependent inducer in mitotic control. Tyrosine protein phosphatase required for progression of the cell cycle. When phosphorylated, highly effective in activating G2 cells into prophase. Directly dephosphorylates CDK1 and activates its kinase activity.