

# Cdc25C (phospho Ser216) Polyclonal Antibody

Catalog # AP66990

## Product Information

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<b>Application</b>	WB, IHC-P, IF, ICC, E
<b>Primary Accession</b>	<a href="#">P30307</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	53365

## Additional Information

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<b>Gene ID</b>	995
<b>Other Names</b>	CDC25C; M-phase inducer phosphatase 3; Dual specificity phosphatase Cdc25C
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	CDC25C
<b>Function</b>	Functions as a dosage-dependent inducer in mitotic control. Tyrosine protein phosphatase required for progression of the cell cycle (PubMed: <a href="#">8119945</a> ). When phosphorylated, highly effective in activating G2 cells into prophase (PubMed: <a href="#">8119945</a> ). Directly dephosphorylates CDK1 and activates its kinase activity (PubMed: <a href="#">8119945</a> ).
<b>Cellular Location</b>	Nucleus

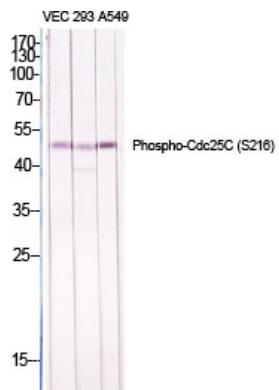
## Background

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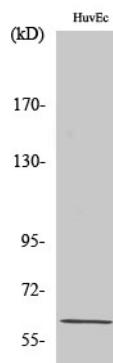
Functions as a dosage-dependent inducer in mitotic control. Tyrosine protein phosphatase required for progression of the cell cycle. When phosphorylated, highly effective in activating G2 cells into prophase. Directly dephosphorylates CDK1 and activates its kinase activity.

## Images

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Western Blot analysis of various cells using Phospho-Cdc25C (S216) Polyclonal Antibody diluted at 1 : 1000



Western Blot analysis of HuvEc cells using Phospho-Cdc25C (S216) Polyclonal Antibody diluted at 1 : 1000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.