

Cdc25C (phospho Ser216) Polyclonal Antibody

Catalog # AP66990

Product Information

| | |
|--------------------------|------------------------|
| Application | WB, IHC-P |
| Primary Accession | P30307 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 53365 |

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. IHC-P~~N/A |
| Format | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| Storage Conditions | -20°C |

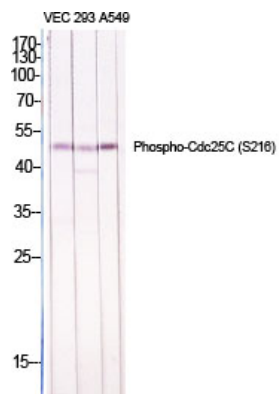
Protein Information

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

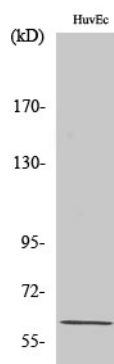
Background

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.

Images



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'.