

bs-3096R**[Primary Antibody]****phospho-cdc25C (Ser216) Rabbit pAb****Bioss**
ANTIBODIES

www.bioss.com.cn

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400-901-9800

— DATASHEET —

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|---|----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: ELISA (1:5000-10000) |
| Clonality: Polyclonal | | Reactivity: (predicted: Human, Mouse, Rat) |
| GeneID: 995 | SWISS: P30307 | |
| Target: cdc25C (Ser216) | | Predicted MW.: 53 kDa |
| Immunogen: KLH conjugated Synthesised phosphopeptide derived from human cdc25C around the phosphorylation site of Ser216: P(p-S)MP. | | Subcellular Location: Nucleus |
| Purification: affinity purified by Protein A | | |
| Concentration: 1mg/ml | | |
| Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. | | |
| Background: This gene is highly conserved during evolution and it plays a key role in the regulation of cell division. The encoded protein is a tyrosine phosphatase and belongs to the Cdc25 phosphatase family. It directs dephosphorylation of cyclin B-bound CDC2 and triggers entry into mitosis. It is also thought to suppress p53-induced growth arrest. Multiple alternatively spliced transcript variants of this gene have been described, however, the full-length nature of many of them is not known. [provided by RefSeq, Jul 2008] | | |

— SELECTED CITATIONS —

- **[IF=3.8]** Cuicui Zhuang. et al. Escherichia coli infection mediates pyroptosis via activating p53-p21 pathway-regulated apoptosis and cell cycle arrest in bovine mammary epithelial cells. MICROB PATHOGENESIS. 2023 Sep;;106338 WB ;Bovine. 37683833
- **[IF=2.976]** Chen X et al. Reactive oxygen species induced by icaritin promote DNA strand breaks and apoptosis in human cervical cancer cells.(2019)Oncol Rep. Feb;41(2):765-778. WB ;. 30431140