

**bs-3096R****[ Primary Antibody ]****BioSS**  
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**Phospho-cdc25C (Ser216) Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> ELISA (1:5000-10000)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 995	<b>SWISS:</b> P30307	
<b>Target:</b> Phospho-cdc25C (Ser216)		
<b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human cdc25C around the phosphorylation site of Ser216: P(p-S)MP.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.	<b>Reactivity:</b> (predicted: Human, Mouse, Rat)	
<b>Background:</b> 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]	<b>Predicted MW.:</b> 53 kDa	
	<b>Subcellular Location:</b> Nucleus	

**— 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