



## Cdc25C (phospho Ser198) Polyclonal Antibody

Observed Band     Cell Pathway   Nucleus .     Tissue Specificity   Colon carcinoma,Epithelium,Skin,Testis,     Function   catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate.,developmental stage:Expressed predominantly in G2		
Reactivity Human;Rat;Mouse;   Applications IHC;IF;ELISA   Gene Name CDC25C   Protein Name M-phase inducer phosphatase 3   Immunogen The antiserum was produced against synthesized peptide derived from human CDC25C around the phosphorylation site of Ser198. AA range:164-213   Specificity Phospho-Cdc25C (S198) Polyclonal Antibody detects endogenous levels of Cdc25C protein only when phosphorylated at S198.   Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   Source Polyclonal, Rabbit.IgG   Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   Dilution IHC: 1/100 - 1/300. ELISA: 1/5000. IF 1:50-200   Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms CDC25C; M-phase inducer phosphatase 3; Dual specificity phosphatase Cdc25C   Observed Band Colon carcinoma,Epithelium,Skin,Testis,   Function Callytic activity-Protein tyrosine phosphatase + H(2)O = protein tyrosine + phosphate. developmental stage:Expressed predominantly in G2 phase.function: Functions as a dosage-dependent inducer of Ha-33 protein and inhibits the phosphatase equivation or the call cycle. It directly dephosphorylates CDC2 and activate its kinase activity.PM:Phosphorylated by cHK1 on Ser-216. This phosphorylation creates a binding stor the A3-33 protein and inhibits the phosphatase.similarity Belongs to the	Catalog No	BYab-16635
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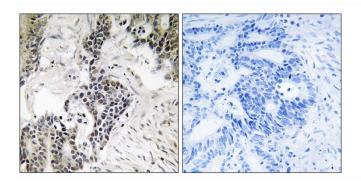
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Background	cell division cycle 25C(CDC25C) Homo sapiens This gene encodes a conserved protein that plays a key role in the regulation of cell division. The encoded protein directs dephosphorylation of cyclin B-bound CDC2 and triggers entry into mitosis. It also suppresses p53-induced growth arrest. Multiple alternatively spliced transcript variants of this gene have been described. [provided by RefSeq, Dec 2015],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using CDC25C (Phospho-Ser198) Antibody. The picture on the right is blocked with the phospho peptide.

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