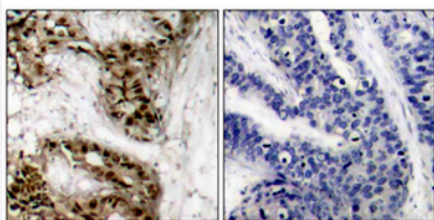


# CDC25C (phospho S216) polyclonal antibody

Catalog # PAB25333      Size 100 ug

## Applications



Peptide - +

### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using CDC25C (phospho S216) polyclonal antibody (Cat # PAB25333).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic phosphopeptide of CDC25C.
<b>Immunogen</b>	Synthetic phosphopeptide corresponding to residues surrounding S216 of human CDC25C.
<b>Sequence</b>	S-P-Sp-M-P
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Recommend Usage</b>	Immunohistochemistry (1:50-1:100) Immunofluorescence (1:100-1:200) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (without $Mg^{2+}$ and $Ca^{2+}$ ), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using CDC25C (phospho S216) polyclonal antibody (Cat # PAB25333).

- Immunofluorescence

## Gene Info — CDC25C

Entrez GeneID [995](#)

Protein Accession# [P30307](#)

Gene Name CDC25C

Gene Alias CDC25

Gene Description cell division cycle 25 homolog C (S. pombe)

Omim ID [157680](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** cell division cycle 25C|cell division cycle 25C protein|dual specificity phosphatase CDC25C|m-phase inducer phosphatase 3|mitosis inducer CDC25|phosphotyrosine phosphatase

## Pathway

- [Cell cycle](#)

## Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)