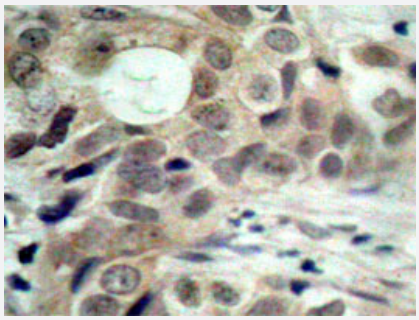
CDC25C (phospho S216) polyclonal antibody

Catalog # PAB25036 Size 100 uL

Applications



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

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue with CDC25C (phospho S216) polyclonal antibody (Cat # PAB25036).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of CDC25C.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S216 of CDC25C.
Host	Rabbit
Theoretical MW (kDa)	53
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue with CDC25C (phospho S216) polyclonal antibody (Cat # PAB25036).

Gene Info — CDC25C

Entrez GeneID	995
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 divisi on. 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 tho ught 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-ph ase 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