

Product datasheet for **AP06044PU-N**

CDC25C Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western blot: 1/500-1/1000. Immunohistochemistry on Paraffin Sections: 1/50-1/200.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 180-230 of Human Cdc25C.
Specificity:	This antibody detects endogenous levels of CDC25C protein. (region surrounding Gly210)
Formulation:	Phosphate buffered saline (PBS), pH~7.2 State: Aff - Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE) Preservative: 0.05% Sodium Azide
Concentration:	1.0 mg/ml
Purification:	Affinity Chromatography using epitope-specific immunogen
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 53 kDa
Gene Name:	cell division cycle 25C
Database Link:	Entrez Gene 995 Human P30307



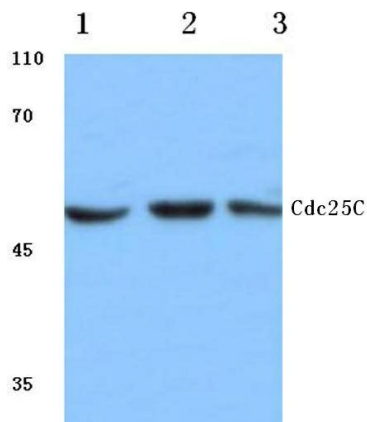
Background:

Cyclin dependent kinases are positively regulated by association with cyclins and negatively regulated by binding to inhibitory subunits. The activity of cyclin dependent kinases is also regulated by the phosphorylation status, which is controlled by the antagonistic action of Wee1 kinase and CDC25 phosphatases. Three CDC25 genes are present in human cells: CDC25A, CDC25B, and CDC25C. These three genes function at different phases of the cell cycle. Whereas CDC25A and CDC25B are expressed throughout the cell cycle, with peak expression in G1 for CDC25A and in both G1 S phase and G2 for CDC25B, CDC25C is predominantly expressed in G2.

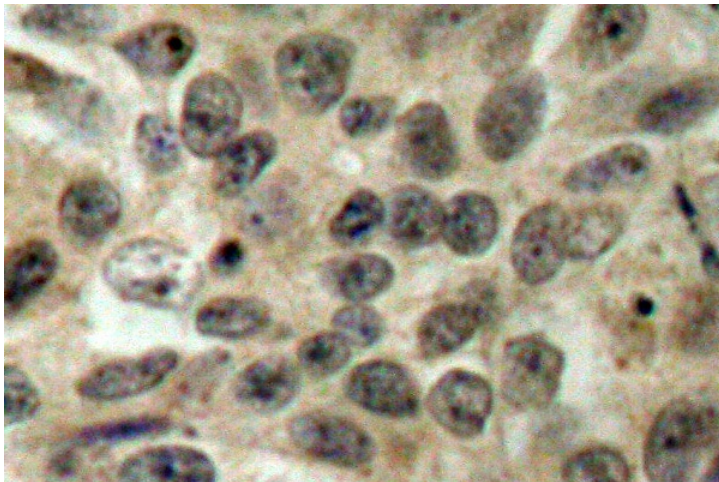
Synonyms:

CDC25

Product images:



Western blot (WB) analysis of Cdc25C antibody at 1/500 dilution. Lane 1: MCF-7 cell lysate, Lane 2: Mouse kidney tissue lysate, Lane 3: Rat heart tissue lysate.



Immunohistochemistry analysis of CDC25C Antibody in paraffin-embedded human breast carcinoma tissue.