

CDC25A (Phospho-S82) polyclonal antibody

Catalog: BS64548

Host: Rabbit

Reactivity: Human, Mouse, Rat

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 70 kDa

Swiss-Prot:

P30304

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000

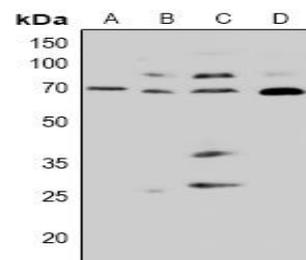
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CDC25A (Phospho-S82) polyclonal antibody detects endogenous levels of CDC25A protein only when phosphorylated at Ser82.

DATA:



Western blot (WB) analysis of CDC25A (Phospho-S82) polyclonal antibody at 1:500 dilution

LaneA:Hela whole cell lysate

LaneB:HCT116 whole cell lysate

LaneC:NIH3T3 whole cell lysate

LaneD:PC12 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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