

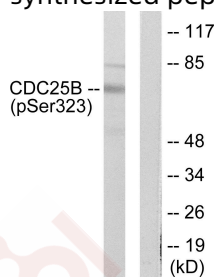
Anti-Phospho-CDC25B (Ser323) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 62 kDa.
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Applications

Verified Activity: 1. Western blot analysis of extracts from NIH/3T3 cells treated with PMA (125ng/ml, 30mins), using CDC25B (Phospho-Ser323) antibody TMAC-00760. The lane on the right is treated with the synthesized peptide.



Application:	WB
Recommended	WB: 1:500-3000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of serine 323 (S-P-S(p)-M-P) derived from Human CDC25B
Antigen Species:	Human
Uniprot ID:	P30305
Synonyms:	CDC25B (p-Ser323);p-CDC25B (Ser323);CDC25B (p-S323);p-CDC25B (S323)

Research Background

Tyrosine protein phosphatase which functions as a dosage-dependent inducer of mitotic progression. Required for G2/M phases of the cell cycle progression and abscission during cytokinesis in a ECT2-dependent manner. Directly dephosphorylates CDK1 and stimulates its kinase activity. The three isoforms seem to have a different level of activity.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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