Phospho-CDC25B (Ser323) Antibody

PACO24191

Product Information

Size:

100ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:3000

Protein 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.

Gene ID:

CDC25B

Uniprot

P30305

Synonyms:

CDC25HU2; CDC25M2; Dual specificity phosphatase Cdc25B; EC 3.1.3.48; M-phase inducer phosphatase 2; MPIP2

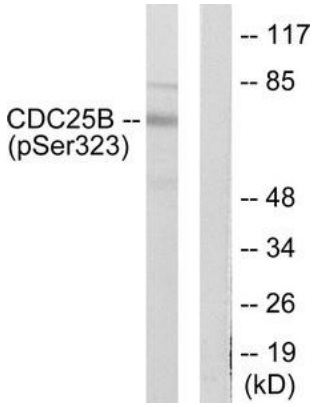
Immunogen:

Peptide sequence around phosphorylation site of serine 323 (S-P-S(p)-M-P) derived from Human CDC25B.

Storage:

Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



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

