

## CDC25A

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**59kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human CDC25A

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

CDC25A2;

**Catalog #:**A2687

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**993

**Isotype:**IgG

**Swiss Prot:**P30304

**Purity:**Affinity purification

For research use only.

**Background:**

CDC25A is a member of the CDC25 family of phosphatases. CDC25A is required for progression from G1 to the S phase of the cell cycle. It activates the cyclin-dependent kinase CDC2 by removing two phosphate groups. CDC25A is specifically degraded in response to DNA damage, which prevents cells with chromosomal abnormalities from progressing through cell division. CDC25A is an oncogene, although its exact role in oncogenesis has not been demonstrated. Two transcript variants encoding different isoforms have been found for this gene.

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