

CDC25A Polyclonal Antibody

Catalog No.	A5527	Category	Polyclonal Antibodies
Applications	WB	Observed MW	70kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	54kDa/59kDa

Immunogen Information

Immunogen	A synthetic peptide of human CDC25A
Gene ID	993
Swiss prot	P30304
Synonyms	CDC25A; CDC25A2; cell division cycle 25A

Product information

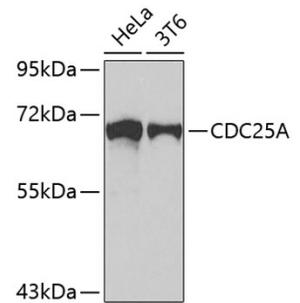
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.

Recommended Dilutions

WB 1:500 -
1:1000



Western blot - CDC25A Polyclonal Antibody (A5527)