∗ abeomics

11-7533: Polyclonal Antibody to CDC25a

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	CDC25A
Gene ID :	993
Uniprot ID :	P30304
Format :	Purified
Alternative Name :	CDC25A
lsotype :	Rabbit IgG
Immunogen Information	A partial length recombinant CDC25A protein (amino acids 102-424) was used as the immunogen for this antibody.

Description

CDC25A is a dual specificity (tyr/thr) phosphatase and a putative upregulated c-Myc target gene. It is a regulator of the cell cycle required for progression from G1 to S phase. CDC25A is a member of the CDC25 family of phosphatases. CDC25A is specifically degraded in response to DNA damage, which prevents cells with chromosomal abnormalities from progressing through cell division. Overexpression of CDC25A bypassed the mechanism of cell cycle arrest, leading to enhanced DNA damage and decreased cell survival. Specific degradation of CDC25A is identified as part of the DNA damage checkpoint mechanism and suggested how CDC25A overexpression in human cancers might contribute to tumorigenesis.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 4-6 µg/ml

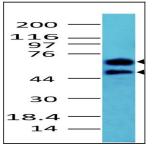


Figure-1: Western blot analysis of CDC25A. Anti-CDC25A antibody (11-7533) was used at 4 µg/ml on SW1990 lysate.

