

Datasheet for ABIN3030443
anti-CDC25A antibody (AA 57-84)



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2 Images

Overview

Quantity:	0.4 mL
Target:	CDC25A
Binding Specificity:	AA 57-84
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC25A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 57-84 from the human protein was used as the immunogen for this Cdc25A antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Bovine, Mouse, Rat
Purification:	Antigen affinity purified

Target Details

Target:	CDC25A
Alternative Name:	Cdc25A (CDC25A Products)
Background:	CDC25A is a member of the CDC25 family of phosphatases. CDC25A is required for

Target Details

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.

UniProt: [P30304](#)

Pathways: [Cell Division Cycle, Mitotic G1-G1/S Phases, M Phase](#)

Application Details

Application Notes: Titration of the Cdc25A antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

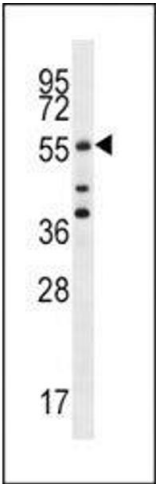
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

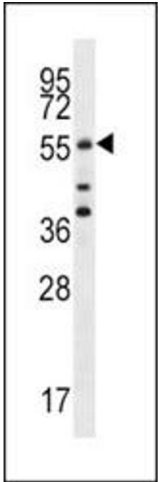
Storage: -20 °C

Storage Comment: Aliquot the Cdc25A antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Cdc25A antibody western blot analysis in MCF-7 lysate. Predicted molecular weight: 59-70 kDa.



Western Blotting

Image 2. Cdc25A antibody western blot analysis in MCF-7 lysate. Predicted molecular weight: 59-70 kDa.