

# Cdc25A (phospho Ser75) Polyclonal Antibody

Catalog # AP66988

## Product Information

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Application	WB
Primary Accession	<a href="#">P30304</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59087

## Additional Information

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Gene ID	993
Other Names	CDC25A; M-phase inducer phosphatase 1; Dual specificity phosphatase Cdc25A
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

## Protein Information

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Name	CDC25A
Function	Tyrosine protein phosphatase which functions as a dosage- dependent inducer of mitotic progression (PubMed: <a href="#">12676925</a> , PubMed: <a href="#">14559997</a> , PubMed: <a href="#">1836978</a> , PubMed: <a href="#">20360007</a> ). Directly dephosphorylates CDK1 and stimulates its kinase activity (PubMed: <a href="#">20360007</a> ). Also dephosphorylates CDK2 in complex with cyclin-E, in vitro (PubMed: <a href="#">20360007</a> ).

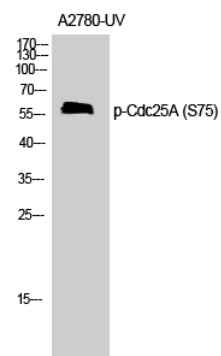
## Background

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Tyrosine protein phosphatase which functions as a dosage-dependent inducer of mitotic progression. Directly dephosphorylates CDK1 and stimulates its kinase activity. Also dephosphorylates CDK2 in complex with cyclin E, in vitro.

## Images

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# Western Blot analysis of Jurkat cells using Phospho-Cdc25A (S75) Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.