

**Anti-CDC25A (pS82) Antibody**  
Rabbit polyclonal antibody to CDC25A (pS82)  
Catalog # AP60928

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**Specification****Anti-CDC25A (pS82) Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P30304</a>
Other Accession	<a href="#">P48964</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59087

**Anti-CDC25A (pS82) Antibody - Additional Information**

**Gene ID** 993

**Other Names**

M-phase inducer phosphatase 1; Dual specificity phosphatase Cdc25A

**Target/Specificity**

Recognizes endogenous levels of CDC25A (pS82) protein.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-CDC25A (pS82) Antibody - Protein Information**

**Name** CDC25A

**Function**

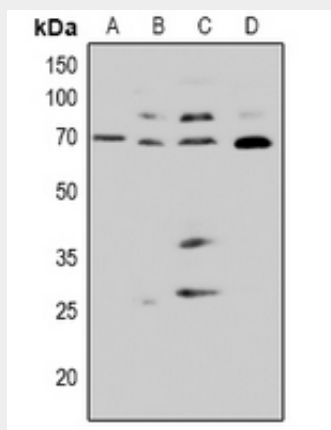
Tyrosine protein phosphatase which functions as a dosage- dependent inducer of mitotic progression (PubMed: [12676925](http://www.uniprot.org/citations/12676925)), PubMed: [14559997](http://www.uniprot.org/citations/14559997), PubMed: [1836978](http://www.uniprot.org/citations/1836978), PubMed: [20360007](http://www.uniprot.org/citations/20360007)). Directly dephosphorylates CDK1 and stimulates its kinase activity (PubMed: [20360007](http://www.uniprot.org/citations/20360007)). Also dephosphorylates CDK2 in complex with cyclin-E, in vitro (PubMed: [20360007](http://www.uniprot.org/citations/20360007)).

## Anti-CDC25A (pS82) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-CDC25A (pS82) Antibody - Images



Western blot analysis of CDC25A (pS82) expression in HeLa (A), HCT116 (B), NIH3T3 (C), PC12 (D) whole cell lysates.

## Anti-CDC25A (pS82) Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CDC25A. The exact sequence is proprietary.