

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

Specification

Anti-CDC25A (pS82) Antibody - Product Information

| | |
|-------------------|------------------------|
| Application | WB |
| Primary Accession | P30304 |
| Other Accession | P48964 |
| 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

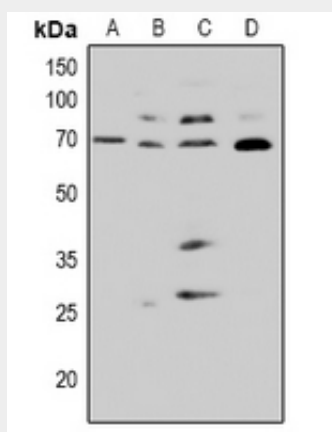
Tyrosine protein phosphatase which functions as a dosage- dependent inducer of mitotic progression (PubMed: [12676925](http://www.uniprot.org/citations/12676925) target="_blank">12676925, PubMed: [14559997](http://www.uniprot.org/citations/14559997) target="_blank">14559997, PubMed: [1836978](http://www.uniprot.org/citations/1836978)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