

**Anti-CDC25A (pS124) Antibody**  
Rabbit polyclonal antibody to CDC25A (pS124)  
Catalog # AP59506

## Specification

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### Anti-CDC25A (pS124) Antibody - Product Information

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

### Anti-CDC25A (pS124) Antibody - Additional Information

Gene ID 993

#### Other Names

M-phase inducer phosphatase 1; Dual specificity phosphatase Cdc25A

#### Target/Specificity

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

#### 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 (pS124) 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

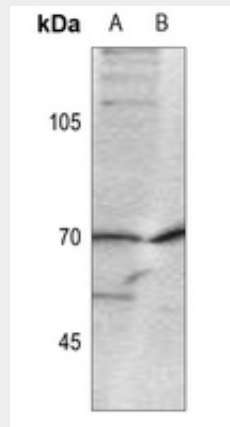
(PubMed:<a href="http://www.uniprot.org/citations/20360007" target="\_blank">20360007</a>).

### Anti-CDC25A (pS124) 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 (pS124) Antibody - Images



Western blot analysis of CDC25A (pS124) expression in K562 (A), HEK293T (B) whole cell lysates.

### Anti-CDC25A (pS124) Antibody - Background

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