

Cdc25A (phospho Ser75) Polyclonal Antibody
Catalog # AP66987**Specification****Cdc25A (phospho Ser75) Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	P30304
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Cdc25A (phospho Ser75) Polyclonal Antibody - Additional Information**Gene ID** 993**Other Names**

CDC25A; M-phase inducer phosphatase 1; Dual specificity phosphatase Cdc25A

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. 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

Cdc25A (phospho Ser75) Polyclonal Antibody - Protein Information**Name** CDC25A**Function**

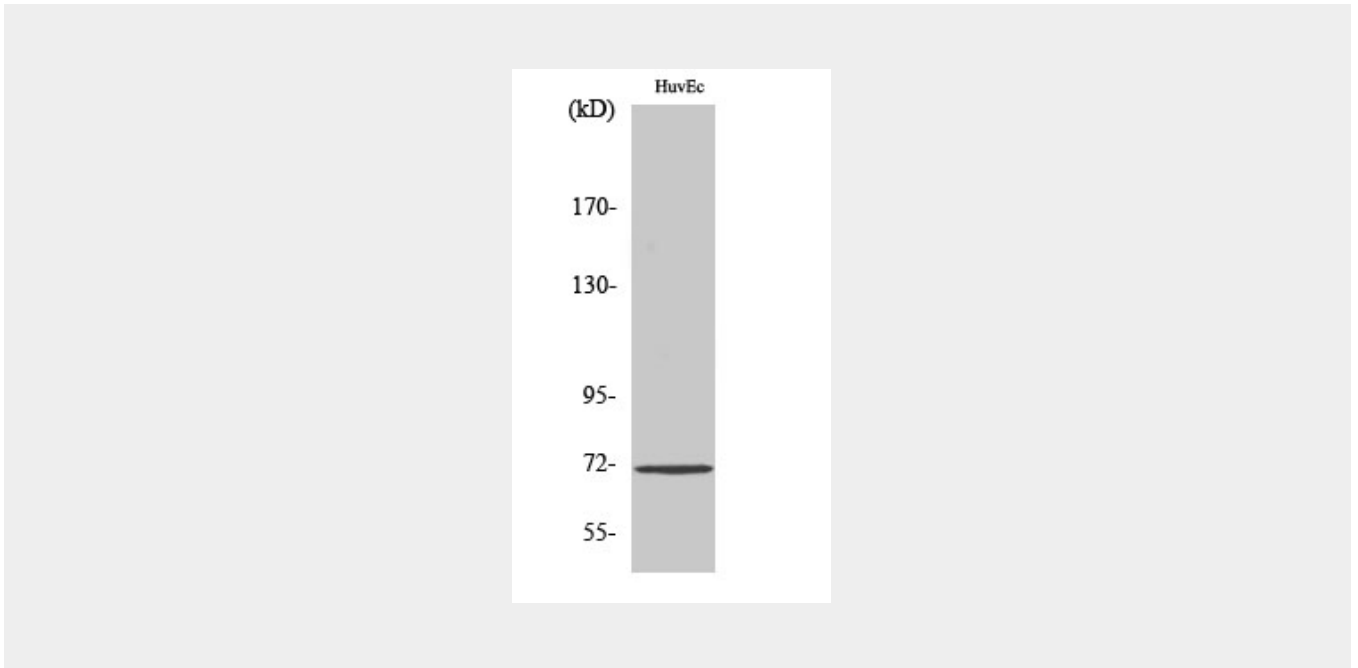
Tyrosine protein phosphatase which functions as a dosage- dependent inducer of mitotic progression (PubMed:<[a href="http://www.uniprot.org/citations/12676925" target="_blank">12676925](http://www.uniprot.org/citations/12676925)>, PubMed:<[a href="http://www.uniprot.org/citations/14559997" target="_blank">14559997](http://www.uniprot.org/citations/14559997)>,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

Cdc25A (phospho Ser75) Polyclonal 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](#)

Cdc25A (phospho Ser75) Polyclonal Antibody - Images



Cdc25A (phospho Ser75) Polyclonal Antibody - Background

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.