

## Cdc25A(Phospho Ser124) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP07486
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CDC25A around the phosphorylation site of Ser124. AA range:90-139
<b>Mol wt</b>	59087
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	M-phase inducer phosphatase 1
<b>Synonyms</b>	M-phase inducer phosphatase 1; CDC25A; M-phase inducer phosphatase 1; Dual specificity phosphatase Cdc25A

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

CDC25A is a member of the CDC25 family of phosphatases. CDC25A is required for progression from G1 to the S phase of the cell cycle. It activates the cyclin-dependent kinase CDC2 by removing two phosphate groups. CDC25A is specifically degraded in response to DNA damage, which prevents cells with chromosomal abnormalities from progressing through cell division. CDC25A is an oncogene, although its exact role in oncogenesis has not been demonstrated. Two transcript variants encoding different isoforms have been found for this gene.

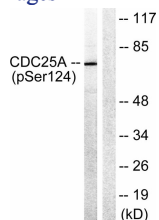
### Recommended Dilution

WB: 1: 500 - 1: 2000

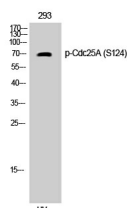
ELISA: 1: 5000

Not yet tested in other applications.

### Images



Western Blot analysis of 293 cells using Phospho-Cdc25A (S124) Polyclonal Antibody



Western blot analysis of lysates from 293 cells treated with UV 15', using CDC25A (Phospho-Ser124) Antibody.

The lane on the right is blocked with the phospho peptide.

## Storage

-20°C for 1 year

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