

Cdc25A Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01578
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CDC25A. AA range:473-522
Mol wt	59087
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Cdc25A Antibody
Synonyms	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 (cell division cycle 25A) 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.

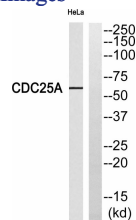
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

Images



Western blot analysis of CDC25A Antibody. The lane on the right is blocked with the CDC25A peptide.

Storage

-20°C for one year