

Rabbit Cdc25A Polyclonal Antibody | anti-Cdc25A antibody

Cdc25A (Phospho-Ser75) Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318643	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

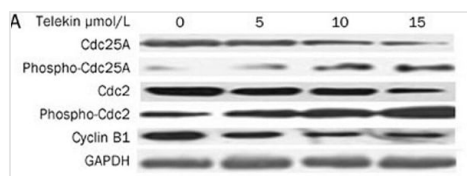
PRODUCT SYNONYMS

Cdc25A; Polyclonal Antibody; Cdc25A (Phospho-Ser75) Rabbit Polyclonal Antibody; CDC25A; M-phase inducer phosphatase 1; Dual specificity phosphatase Cdc25A; BH6842; anti-Cdc25A antibody

PRODUCT SPECIFICATIONS

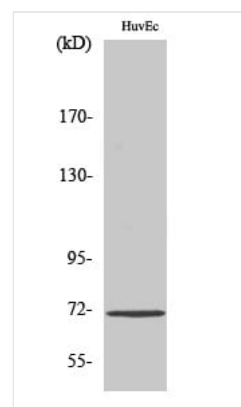
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Phospho-Cdc25A (S75) Polyclonal Antibody detects endogenous levels of Cdc25A protein only when phosphorylated at S75.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Cdc25A antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human Cdc25A (phospho Ser75)
Modification	Phospho Specific
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



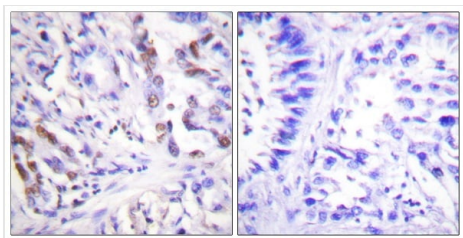
Application Data

Li, Lin, et al. "Telekin suppresses human hepatocellular carcinoma cells in vitro by inducing G 2/M phase arrest via the p38 MAPK signaling pathway." Acta Pharmacologica Sinica 35.10 (2014): 1311.



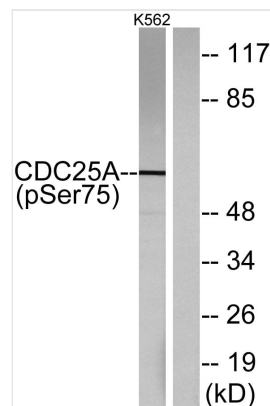
WB (Western Blot)

Western Blot analysis of various cells using Phospho-Cdc25A (S75) Polyclonal Antibody



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast cancer, using CDC25A (Phospho-Ser75) Antibody. The picture on the right is blocked with the CDC25A (Phospho-Ser75) peptide.



WB (Western Blot)

Western blot analysis of CDC25A (Phospho-Ser75) Antibody. The lane on the right is blocked with the CDC25A (Phospho-Ser75) peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-Cdc25A antibody

cell division cycle 25A (CDC25A) Homo sapiens 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. [provided by RefSeq, Jul 2008]

NCBI AND UNIPROT INFORMATION

NCBI GI #	42490758
NCBI GeneID	993
NCBI Accession #	NP_001780.2
NCBI GenBank Nucleotide #	NM_001789.2
UniProt Accession #	P30304; Q8IZH5; Q96IL3; Q9H2F2
Molecular Weight	59,087 Da
NCBI Official Full Name	M-phase inducer phosphatase 1 isoform a
NCBI Official Synonym Full Names	cell division cycle 25A
NCBI Official Symbol	CDC25A
NCBI Official Synonym Symbols	CDC25A2
NCBI Protein Information	M-phase inducer phosphatase 1; CDC25A2-CAG isoform; dual specificity phosphatase CDC25A
UniProt Protein Name	M-phase inducer phosphatase 1
UniProt Gene Name	CDC25A
UniProt Entry Name	MPIP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdc25a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/318643>