

Rabbit Cdc25B Polyclonal Antibody | anti-Cdc25B antibody

Cdc25B antibody

CATALOG # AAA224864	HOST Rabbit	APPLICATIONS Western Blot
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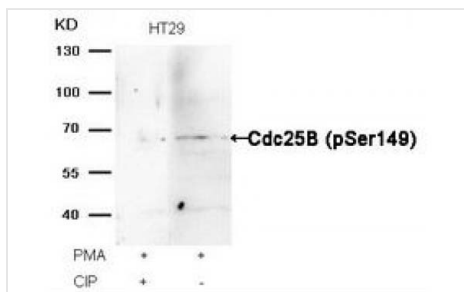
PRODUCT SYNONYMS

Cdc25B; Polyclonal Antibody; Cdc25B antibody; Rabbit polyclonal Cdc25B antibody; Polyclonal Cdc25B antibody; Anti-Cdc25B antibody; M-phase inducer phosphatase 2 antibody; CdcB 25; CdcB 25 antibody; Phospho Ser149 antibody; CdcB-25 antibody; CdcB-25; anti-Cdc25B antibody

PRODUCT SPECIFICATIONS

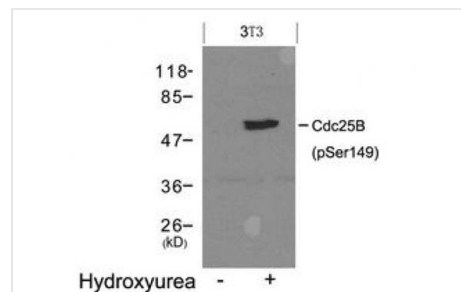
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	283
Applicable Applications for anti-Cdc25B antibody	WB (Western Blot)
Immunogen	Cdc25B antibody was raised in Rabbit using the peptide sequence around phosphorylation site of Serine 149 (F-R-S(p)-L-P) derived from Mouse Cdc25B as the immunogen.
Cross-Reactivity	Mouse, Rat
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HT29 cells, treated with PMA or calf intestinal phosphatase (CIP), using Cdc25B (Phospho-Ser149) antibody



Application Data

Western blot analysis of extracts from 3T3 cells untreated (lane 1) or treated with Hydroxyurea (lane 2) using Cdc25B (Phospho-Ser149) antibody

ADDITIONAL INFORMATION

Related Product Information for anti-Cdc25B antibody	CDC25B is a member of the CDC25 family of phosphatases. CDC25B activates the cyclin dependent kinase CDC2 by removing two phosphate groups and it is required for entry into mitosis. CDC25B shuttles between the nucleus and the cytoplasm due to nuclear localization and nuclear export signals. The protein is nuclear in the M and G1 phases of the cell cycle and moves to the cytoplasm during S and G2. CDC25B has oncogenic properties, although its role in tumor formation has not been determined. Multiple transcript variants for this gene exist.
Product Categories/Family for anti-Cdc25B antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	2739200
NCBI GeneID	994
Molecular Weight	67,241 Da
NCBI Official Full Name	cdc25B phosphatase, partial
NCBI Official Synonym Full Names	cell division cycle 25B
NCBI Official Symbol	CDC25B
NCBI Protein Information	M-phase inducer phosphatase 2
UniProt Protein Name	M-phase inducer phosphatase 2
UniProt Gene Name	CDC25B
UniProt Synonym Gene Names	CDC25HU2

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://www.aaabiotech.com/polyclonal/cdc25b-antibody-western-blot-elisa/224864>