

Rabbit anti-Mouse Cdc25B Polyclonal Antibody | anti-Cdc25B antibody

Cdc25B (Phospho-Ser149) Antibody

CATALOG # AAA307919	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot
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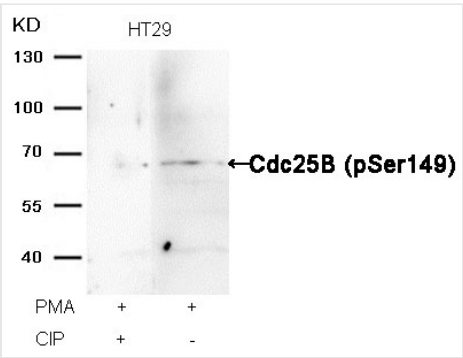
PRODUCT SYNONYMS

Cdc25B; Polyclonal Antibody; Cdc25B (Phospho-Ser149) Antibody; CDC25B; anti-Cdc25B antibody

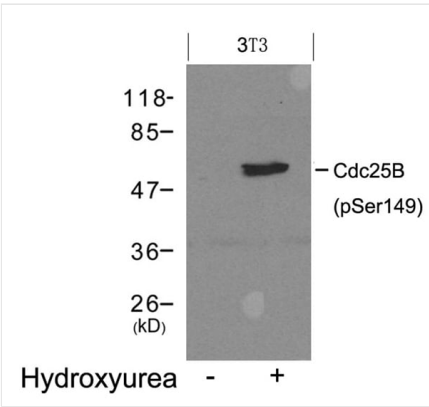
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of Cdc25B protein only when phosphorylated at serine 149.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	550
Applicable Applications for anti-Cdc25B antibody	WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 149 (F-R-S(p)-L-P) derived from Mouse Cdc25B.
Modification	Phospho-Ser149
Target Name	Cdc25B
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

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.



WB (Western Blot)
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	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	161621261
NCBI GeneID	12531
NCBI Accession #	NP_001104545.1
NCBI GenBank Nucleotide #	NM_001111075.4
UniProt Accession #	Q9DBN8; P30306
Molecular Weight	62,927 Da
NCBI Official Full Name	M-phase inducer phosphatase 2 isoform b
NCBI Official Synonym Full Names	cell division cycle 25B
NCBI Official Symbol	Cdc25b
NCBI Official Synonym Symbols	AI604853
NCBI Protein Information	M-phase inducer phosphatase 2
UniProt Protein Name	Cdc25b protein
UniProt Gene Name	Cdc25b
UniProt Entry Name	Q9DBN8_MOUSE

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.