

CDC25A Antibody | anti-CDC25A antibody

CDC25A (Phospho-Ser178) Antibody

CATALOG # AAA111941	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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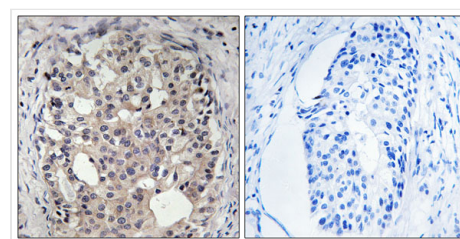
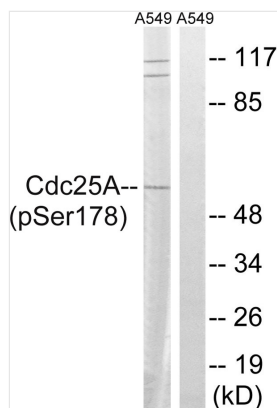
PRODUCT SYNONYMS

CDC25A; CDC25A (Phospho-Ser178) Antibody; CDC25M3; Dual specificity phosphatase Cdc25A; EC 3.1.3.48; M-phase inducer phosphatase 1; MPIP1; anti-CDC25A antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	CDC25A (Phospho-Ser178) antibody detects endogenous levels of CDC25A only when phosphorylated at serine 178.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	524
Applicable Applications for anti-CDC25A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human CDC25A around the phosphorylation site of serine 178 (Q-N-SP-A-P).
All Sites	Human: Ser178 Mouse: Ser171 Rat: Ser179
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using CDC25A (Phospho-Ser178) antibody. Western blot analysis of extracts from A549 cells, treated with UV (15mins), using CDC25A (Phospho-Ser178) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CDC25A antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Galaktionov K.I., Cell 67:1181-1194(1991). Wegener S., Eur. J. Cell Biol. 79:810-815(2000). Zhao H., Proc. Natl. Acad. Sci. U.S.A. 99-14795-14800(2002).

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	54,551 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
UniProt Protein Name	M-phase inducer phosphatase 1
UniProt Gene Name	CDC25A

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/human-mouse-rat-antibody/cdc25a/111941>