

Rabbit anti-Human CDC25A Polyclonal Antibody | anti-CDC25A antibody

CDC25A(Phospho-Tyr59) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA309126	Rabbit	Human	Immunohistochemistry, Western Blot

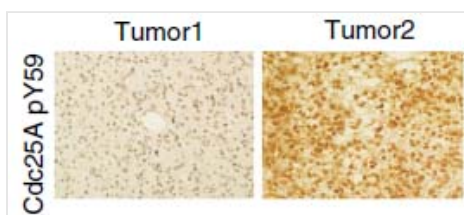
PRODUCT SYNONYMS

CDC25A; Polyclonal Antibody; CDC25A(Phospho-Tyr59) Antibody; CDC25M3; MPIP1; anti-CDC25A antibody

PRODUCT SPECIFICATIONS

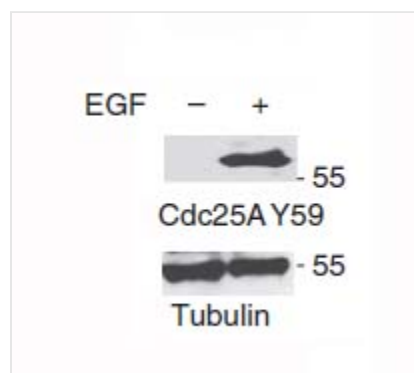
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of cdc25A only when phosphorylated at tyrosine 59.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
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	1.0mg/mL (varies by lot)
Sequence Length	524
Applicable Applications for anti-CDC25A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Peptide sequence around phosphorylation site of tyrosine 59 (S-D-Y(p)-E-Q) derived from Human CDC25A.
Immunogen Type	Peptide
Modification	Phospho-Tyr59
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of a variety of human tumor tissue using CDC25A(Phospho-Tyr59) Antibody. Reference: Nat. Commun. 7:12431 doi: 10.1038/ncomms12431 (2016).



WB (Western Blot)

Western blot analysis of extracts from U87 cells, treated with EGF using CDC25A(Phospho-Tyr59) Antibody. Reference: Nat. Commun. 7:12431 doi: 10.1038/ncomms12431 (2016).

ADDITIONAL INFORMATION

Related Product Information for anti-CDC25A antibody	Tyrosine protein phosphatase which functions as a dosage-dependent inducer of mitotic progression. Directly dephosphorylates CDC2 and stimulates its kinase activity. Also dephosphorylates CDK2 in complex with cyclin E, in vitro.
Product Categories/Family for anti-CDC25A antibody	Phospho-specific Ab

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
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-immunohistochemistry-western-blot-elisa/309126>