

anti-Human, Mouse CDC25C Antibody | anti-CDC25C antibody

CDC25C (Phospho-Thr48) Antibody

CATALOG # AAA267474	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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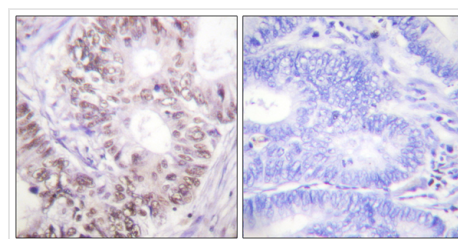
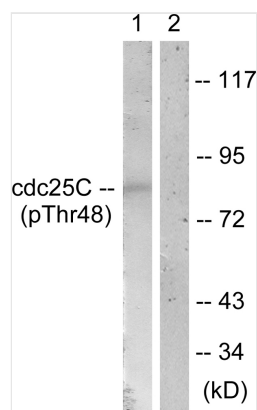
PRODUCT SYNONYMS

CDC25C; CDC25C (Phospho-Thr48) Antibody; CDC25M1; Dual specificity phosphatase Cdc25C; EC 3.1.3.48; M-phase inducer phosphatase 3; MPIP3; anti-CDC25C antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	CDC25C (Phospho-Thr48) antibody detects endogenous levels of CDC25C only when phosphorylated at threonine 48.
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	473
Applicable Applications for anti-CDC25C antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human CDC25C around the phosphorylation site of threonine 48 (P-R-TP-P-V).
All Sites	Human: Thr48 Mouse: Thr48
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using CDC25C (Phospho-Thr48) antibody. Western blot analysis of extracts from RAW264.7 cells, using CDC25C (Phospho-Thr48) antibody.

ADDITIONAL INFORMATION

References	Bureik M., Int. J. Oncol. 17:1251-1258(2000). Hernandez S., Lab. Invest. 81:465-473(2001). Beausoleil S.A., Nat. Biotechnol. 24:1285-1292(2006).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	567316253
NCBI GeneID	995
NCBI Accession #	NP_001274511.1
NCBI GenBank Nucleotide #	NM_001287582.1
UniProt Accession #	P30307; Q96PL3; Q9H168; Q9H2E8; Q9H2E9; Q9H2F1; D3DQB8
Molecular Weight	45,608 Da
NCBI Official Full Name	M-phase inducer phosphatase 3 isoform a
NCBI Official Synonym Full Names	cell division cycle 25C
NCBI Official Symbol	CDC25C
NCBI Official Synonym Symbols	CDC25; PPP1R60
NCBI Protein Information	M-phase inducer phosphatase 3
UniProt Protein Name	M-phase inducer phosphatase 3
UniProt Gene Name	CDC25C

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-antibody/cdc25c/267474>