

Rabbit CDC2 Polyclonal Antibody | anti-CDC2 antibody

CDC2 (Phospho-Thr161) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316471	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

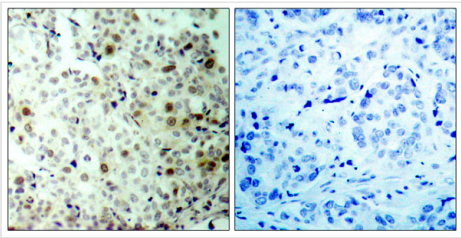
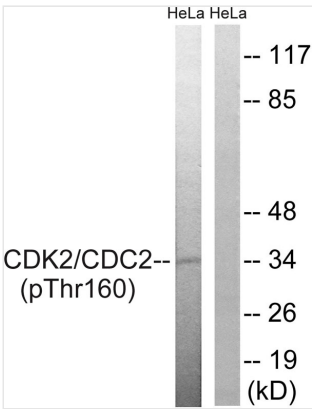
PRODUCT SYNONYMS

CDC2; Polyclonal Antibody; CDC2 (Phospho-Thr161) Antibody; CDC28; CDC2A; CDK1; cell division control protein 2 homolog; cyclin-dependent kinase 1; kinase Cdc2; MPF; p34 protein kinase; anti-CDC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	CDC2 (Phospho-Thr161) Antibody detects endogenous levels of CDC2 only when phosphorylated at Thr161.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	240
Applicable Applications for anti-CDC2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:T161; M:T161; R:T161
Immunogen	The antiserum was produced against synthesized peptide derived from human CDC2 around the phosphorylation site of Thr161.
Immunogen Range	131-180
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using CDC2 (Phospho-Thr161) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from HeLa cells, using CDC2 (Phospho-Thr161) Antibody. The lane on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1004170672
NCBI GeneID	983
NCBI Accession #	NP_001307847.1
NCBI GenBank Nucleotide #	NM_001320918.1
UniProt Accession #	P06493; O60764; A8K7C4; C9J497
Molecular Weight	34 kDa
NCBI Official Full Name	cyclin-dependent kinase 1 isoform 1
NCBI Official Synonym Full Names	cyclin dependent kinase 1
NCBI Official Symbol	CDK1
NCBI Official Synonym Symbols	CDC2; CDC28A; P34CDC2
NCBI Protein Information	cyclin-dependent kinase 1
UniProt Protein Name	Cyclin-dependent kinase 1
UniProt Gene Name	CDK1
UniProt Synonym Gene Names	CDC2; CDC28A; CDKN1; P34CDC2; CDK1

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.