

Rabbit CDK1/CDC2 Polyclonal Antibody | anti-CDK1/CDC2 antibody

CDK1/CDC2 (Phospho-Thr14) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316169	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Western Blot

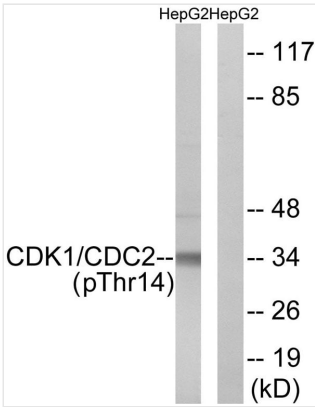
PRODUCT SYNONYMS

CDK1/CDC2; Polyclonal Antibody; CDK1/CDC2 (Phospho-Thr14) Antibody; Cell division protein kinase 2; kinase Cdk2; p33 protein kinase; anti-CDK1/CDC2 antibody

PRODUCT SPECIFICATIONS

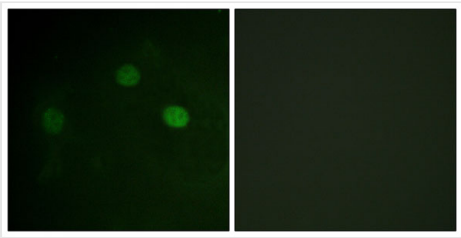
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	CDK1/CDC2 (Phospho-Thr14) Antibody detects endogenous levels of CDK1/CDC2 only when phosphorylated at Thr14.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against 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	264
Applicable Applications for anti-CDK1/CDC2 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:T14; M:T14; R:T14
Immunogen	The antiserum was produced against synthesized peptide derived from human CDK1/CDC2 around the phosphorylation site of Thr14.
Immunogen Range	Jan-50
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from HepG2 cells treated with Forskolin 40nM 30', using CDK1/CDC2 (Phospho-Thr14) Antibody. The lane on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of COS7 cells, using CDK1/CDC2 (Phospho-Thr14) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	589811557
NCBI GeneID	1017
NCBI Accession #	NP_001277159.1
NCBI GenBank Nucleotide #	NM_001290230.1
UniProt Accession #	P24941; O75100; A8K7C6
Molecular Weight	33 kDa
NCBI Official Full Name	cyclin-dependent kinase 2 isoform 3
NCBI Official Synonym Full Names	cyclin dependent kinase 2
NCBI Official Symbol	CDK2
NCBI Official Synonym Symbols	CDKN2; p33(CDK2)
NCBI Protein Information	cyclin-dependent kinase 2
UniProt Protein Name	Cyclin-dependent kinase 2
UniProt Gene Name	CDK2
UniProt Synonym Gene Names	CDKN2

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/cdk1-cdc2-antibody-immunofluorescence-western-blot-elisa/316169>