

Rabbit CDK2 Polyclonal Antibody | anti-CDK2 antibody

CDK2 antibody

CATALOG # AAA224810	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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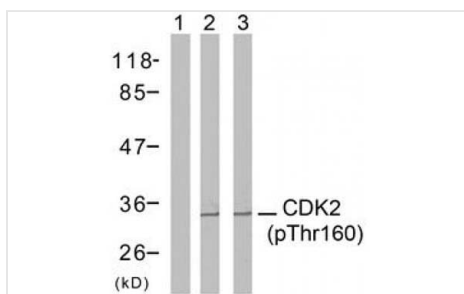
PRODUCT SYNONYMS

CDK2; Polyclonal Antibody; CDK2 antibody; Rabbit polyclonal CDK2 antibody; Polyclonal CDK2 antibody; Anti-CDK2 antibody; CDK 2 antibody; CDK 2; Cyclin-dependent kinase 2 antibody; Phospho Thr160 antibody; Cell division protein kinase 2 antibody; CDK-2; CDK-2 antibody; anti-CDK2 antibody

PRODUCT SPECIFICATIONS

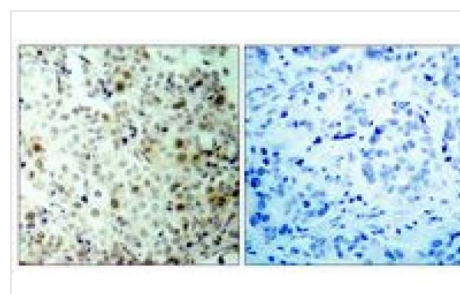
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	298
Applicable Applications for anti-CDK2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	CDK2 antibody was raised in Rabbit using the peptide sequence around phosphorylation site of threonine 160 (T-Y-T(p)-H-E) derived from Human CDK2 as the immunogen.
Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of extracts from HeLa cells untreated (Lane 1) or treated with UV (Lane 2) using CDK2 (Phospho-Thr160) antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using CDK2 (Phospho-Thr160) antibody (left) or the same antibody preincubated with blocking peptide (right)

ADDITIONAL INFORMATION

Related Product Information for anti-CDK2 antibody	CDK2 is a member of the cyclin-dependent kinase family of Ser/Thr protein kinases. This protein kinase is highly similar to the gene products of <i>S. cerevisiae</i> cdc28, and <i>S. pombe</i> cdc2, also known as Cdk1 in humans. It is a catalytic subunit of the cyclin-dependent kinase complex, whose activity is restricted to the G1-S phase of the cell cycle, and is essential for the G1/S transition.
Product Categories/Family for anti-CDK2 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	16936528
NCBI GeneID	1017
NCBI Accession #	NP_001789.2
NCBI GenBank Nucleotide #	NM_001798.4
UniProt Accession #	P24941; O75100; A8K7C6
Molecular Weight	30,035 Da
NCBI Official Full Name	cyclin-dependent kinase 2 isoform 1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/cdk2-antibody-western-blot-immunohistochemistry-elisa/224810>