

Rabbit CDK2 Polyclonal Antibody | anti-CDK2 antibody

CDK2 (Phospho-Thr160) Antibody

CATALOG # AAA301121	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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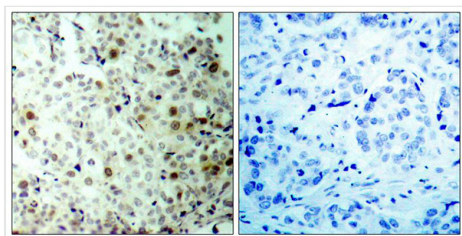
PRODUCT SYNONYMS

CDK2; Polyclonal Antibody; CDK2 (Phospho-Thr160) Antibody; kinase Cdk2; p33 protein kinase; anti-CDK2 antibody

PRODUCT SPECIFICATIONS

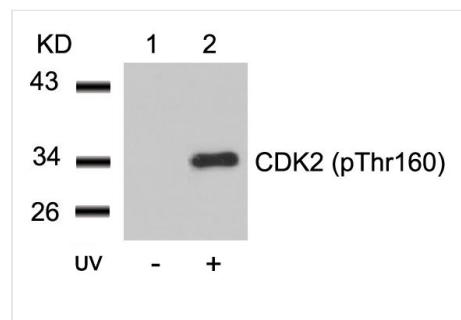
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of CDK2 only when phosphorylated at threonine 160.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified 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	1.0 mg/ml (varies by lot)
Sequence Length	238
Applicable Applications for anti-CDK2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 160 (T-Y-T(p)-H-E) derived from Human CDK2.
Modification	Phospho-Thr160
Target Name	CDK2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



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).



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.

ADDITIONAL INFORMATION

Related Product Information for anti-CDK2 antibody	Involved in the control of the cell cycle. Interacts with cyclins A, B1, B3, D, or E. Activity of CDK2 is maximal during S phase and G2.
Product Categories/Family for anti-CDK2 antibody	Phospho-specific Ab

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	30,035 Da
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
UniProt Entry Name	CDK2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdk2-antibody-immunohistochemistry-western-blot-elisa/301121>