

Rabbit anti-Human, Mouse CDK2 Polyclonal Antibody | anti-CDK2 antibody

Rabbit anti-CDK2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211639	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

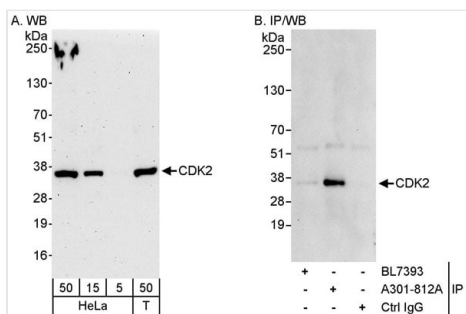
PRODUCT SYNONYMS

CDK2; Polyclonal Antibody; Rabbit anti-CDK2 Antibody; Affinity Purified; cyclin-dependent kinase 2; p33 protein kinase; p33(CDK2); cdc2-related protein kinase; CDKN2; cell division protein kinase 2; Cyclin-dependent kinase 2; cyclin dependent kinase 2; anti-CDK2 antibody

PRODUCT SPECIFICATIONS

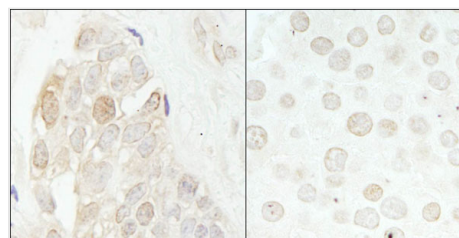
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CDK2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine, Golden hamster
Immunogen	Between 248 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CDK2 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibody: Affinity purified rabbit anti-CDK2 antibody AAA211639 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. CDK2 was also immunoprecipitated, albeit less efficiently, by rabbit anti-CDK2 antibody BL7393, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



IHC (Immunohistochemistry)

Detection of human and mouse CDK2 by immunohistochemistry. Sample: FFPE section of human breast carcinoma (left) and mouse renal cell carcinoma (right). Antibody: Affinity purified rabbit anti-CDK2 (Cat. No. AAA211639) used at a dilution of 1:1,000 (1ug/ml) and 1:5,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CDK2 antibody	Cyclin-dependent kinase 2 (CDK2) is a member of the CDK family of protein kinases that regulate cell cycle progression. CDK2 associates with cyclin E or cyclin A to drive the cell cycle through G1- and S-phase. Substrates of CDK2 include pRb, p53, p27, E2F, Brca1, CDK7, B-Myb, PP1 alpha, RNA Pol II CTD, axin, p220 NPAT, ribonucleotide reductase M2, Myo-D, MARCKS, HsCdc6, and CP110.
Product Categories/Family for anti-CDK2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	166362719
NCBI GeneID	1017
NCBI Accession #	NP_439892.2
NCBI GenBank Nucleotide #	NM_052827.2
UniProt Accession #	P24941; O75100; A8K7C6
Molecular Weight	33,930 Da
NCBI Official Full Name	cyclin-dependent kinase 2 isoform 2
NCBI Official Synonym Full Names	cyclin-dependent kinase 2
NCBI Official Symbol	CDK2
NCBI Official Synonym Symbols	p33(CDK2)
NCBI Protein Information	cyclin-dependent kinase 2; p33 protein kinase; cell division kinase 2; cdc2-related protein kinase; cell division protein 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cdk2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211639>