

Rabbit CDK2 Monoclonal Antibody | anti-CDK2 antibody

CDK2 (Phospho-Y15) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311024	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CDK2; Monoclonal Antibody; CDK2 (Phospho-Y15) Antibody; Cdc2 related protein kinase antibody; cdc2-related protein kinase antibody; CDC28 antibody; CDC2A antibody; Cdk 2 antibody; CDK1 antibody; CDK2 antibody; CDK2_HUMAN antibody; CDKN2 antibody; Cell division kinase 2 antibody; Cell division protein kinase 2 antibody; Cyclin dependent kinase 2 antibody; cyclin dependent kinase 2-alpha antibody; Cyclin-dependent kinase 2 antibody; kinase Cdc2 antibody; MPF antibody; p33 protein kinase antibody; p33 (CDK2) antibody; anti-CDK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SN72-04
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CDK2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Tyr15 of human Cdk2.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



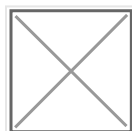
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Phospho-Cdk2 (Y15) antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-Phospho-Cdk2 (Y15) antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Phospho-Cdk2 (Y15) on different lysates using anti-Phospho-Cdk2 (Y15) antibody at 1/1,000 dilution. Positive control: Lane 1: HeLa Lane 2: Mouse spleen Lane 3: NIH/3T3

ADDITIONAL INFORMATION

Related Product Information for anti-CDK2 antibody	In vertebrates, as in yeast, multiple cyclins have been identified, including a total of eight such regulatory proteins in mammals. In contrast to the situation in yeast, the Cdc2 p34 kinase is not the only catalytic subunit identified in vertebrates that can interact with cyclins. While Cdc2 p34 is essential for the G2 to M transition in vertebrate cells, a second Cdc2-related kinase has also been implicated in cell cycle control. This protein, designated cyclin-dependent kinase 2 (Cdk2) p33, also binds to cyclins and its kinase activity is temporally regulated during the cell cycle. Several additional Cdc2 p34-related cyclin dependent kinases have been identified. These include Cdk3-Cdk8, PCTAIRE-1-3 and KKIALRE.
Product Categories/Family for anti-CDK2 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	16936528
NCBI GeneID	1017
NCBI Accession #	NP_001789.2
NCBI GenBank Nucleotide #	NM_001798.3
UniProt Accession #	P24941; O75100; A8K7C6
Molecular Weight	33,930 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	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cdk2-antibody-clone-sn72-04-immunoprecipitation-immunohistochemistry-western-blot-elisa/311024>