

Rabbit CDK2 Polyclonal Antibody | anti-CDK2 antibody

(KO Validated) CDK2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA22306	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

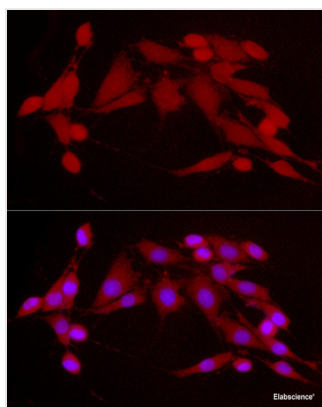
PRODUCT SYNONYMS

CDK2; Polyclonal Antibody; (KO Validated) CDK2 Polyclonal Antibody; CDKN2; p33(CDK2); anti-CDK2 antibody

PRODUCT SPECIFICATIONS

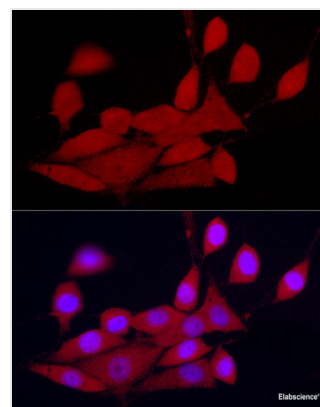
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CDK2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	A synthetic peptide of human CDK2
Research Area	Cancer, Cell Biology, Epigenetics and Nuclear Signaling
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



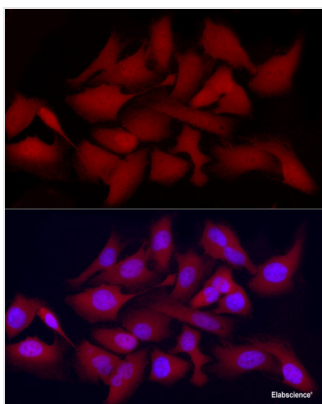
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using [KO Validated] CDK2 Polyclonal Antibody at dilution of 1:300 (40x lens). Blue: DAPI for nuclear staining.



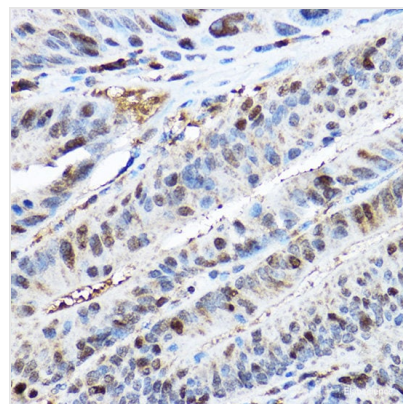
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] CDK2 Polyclonal Antibody at dilution of 1:300 (40x lens). Blue: DAPI for nuclear staining.



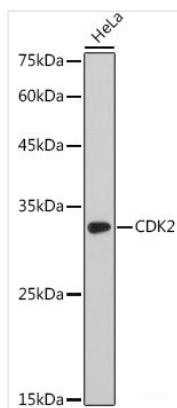
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using [KO Validated] CDK2 Polyclonal Antibody at dilution of 1:300 (40x lens). Blue: DAPI for nuclear staining.



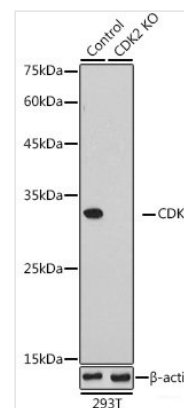
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using CDK2 Polyclonal Antibody at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of HeLa cells using CDK2 Polyclonal Antibody at 1:1000 dilution.



WB (Western Blot)

Western blot analysis of extracts from normal (control) and CDK2 knockout (KO) 293T cells using CDK2 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CDK2 antibody	This gene encodes a member of a family of serine/threonine protein kinases that participate in cell cycle regulation. The encoded protein is the catalytic subunit of the cyclin-dependent protein kinase complex, which regulates progression through the cell cycle. Activity of this protein is especially critical during the G1 to S phase transition. This protein associates with and regulated by other subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A), and p27Kip1 (CDKN1B). Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-CDK2 antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cdk2-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/22306>