

Rabbit anti-Human CDK3 Polyclonal Antibody | anti-CDK3 antibody

CDK3 Antibody (N-term Y19)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288498	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

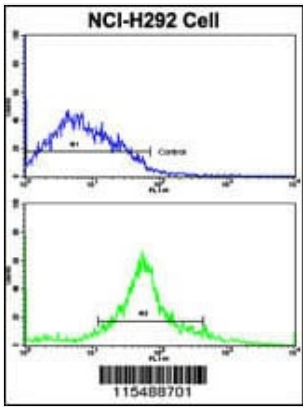
PRODUCT SYNONYMS

CDK3; Polyclonal Antibody; CDK3 Antibody (N-term Y19); Cyclin-dependent kinase 3; Cell division protein kinase 3; CDKN3; anti-CDK3 antibody

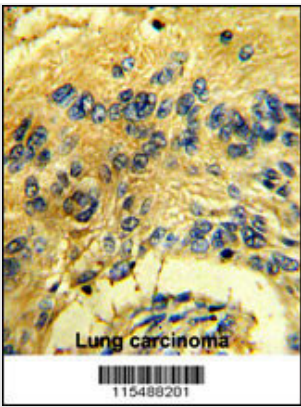
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDK3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 4-38 amino acids from the N-terminal region of human CDK3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	4-38
Sequence Length	305
Applicable Applications for anti-CDK3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

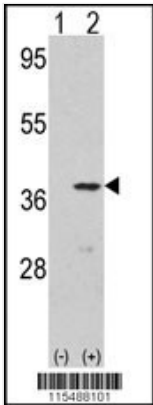
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of NCI-H292 cells using CDK3 Antibody (N-term Y19)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with CDK3 Antibody (N-term Y19), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CDK3(arrow) using rabbit polyclonal CDK3 Antibody (N-term Y19). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CDK3 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-CDK3 antibody	This gene encodes a member of the cyclin-dependent protein kinase family. The protein promotes entry into S phase, in part by activating members of the E2F family of transcription factors. The protein also associates with cyclin C and phosphorylates the retinoblastoma 1 protein to promote exit from G0.
Product Categories/Family for anti-CDK3 antibody	Cancer; Cell biology
References	Bullrich, F., et al., Cancer Res. 55(6):1199-1205 (1995). Meyerson, M., et al., EMBO J. 11(8):2909-2917 (1992).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557439
NCBI GeneID	1018
NCBI Accession #	NP_001249.1
NCBI GenBank Nucleotide #	NM_001258.2
UniProt Accession #	Q00526

Molecular Weight	35046
NCBI Official Full Name	cyclin-dependent kinase 3
NCBI Official Synonym Full Names	cyclin-dependent kinase 3
NCBI Official Symbol	CDK3
NCBI Protein Information	cyclin-dependent kinase 3
UniProt Protein Name	Cyclin-dependent kinase 3
UniProt Gene Name	CDK3
UniProt Synonym Gene Names	CDKN3
UniProt Entry Name	CDK3_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://stage.aaabiotech.com/polyclonal/cdk3-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/288498>