

Rabbit Cdk2/Cdc2 Polyclonal Antibody | anti-Cdk2/Cdc2 antibody

Cdk2/Cdc2 (Phospho-Thr160) Rabbit Polyclonal Antibody

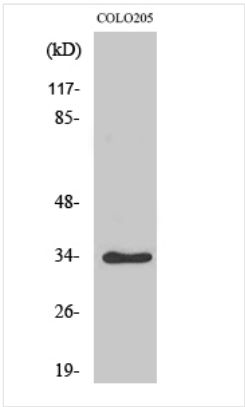
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30744	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Cdk2/Cdc2; Polyclonal Antibody; Cdk2/Cdc2 (Phospho-Thr160) Rabbit Polyclonal Antibody; CDK2; CDKN2; Cyclin-dependent kinase 2; Cell division protein kinase 2; p33 protein kinase; BH6842; anti-Cdk2/Cdc2 antibody

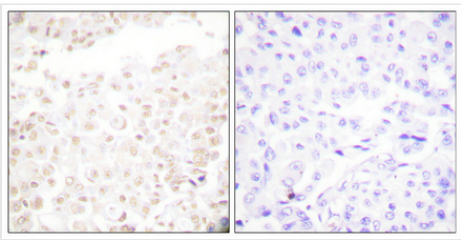
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Phospho-Cdk2/Cdc2 (T160) Polyclonal Antibody detects endogenous levels of Cdk2/Cdc2 protein only when phosphorylated at T160.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Cdk2/Cdc2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1/500-1/2000 IHC: 1/100-1/300 ELISA: 1/20000
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human Cdk2/Cdc2 (phospho Thr160)
Modification	Phospho Specific
Preparation and Storage	Store at -20 degree C/1 year



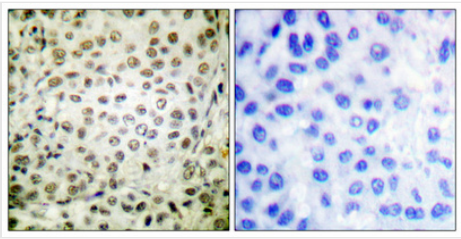
WB (Western Blot)

Western Blot analysis of various cells using Phospho-Cdk2/Cdc2 (T160) Polyclonal Antibody diluted at 1:500



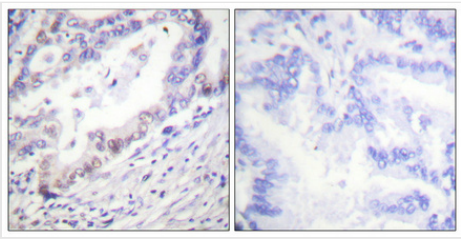
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4 degree overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



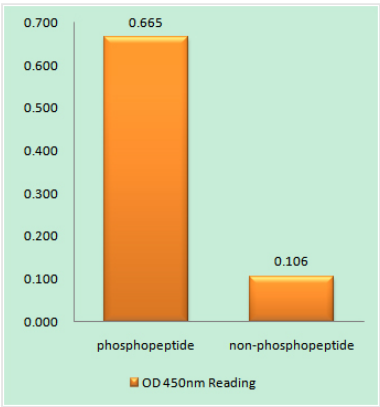
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4 degree overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



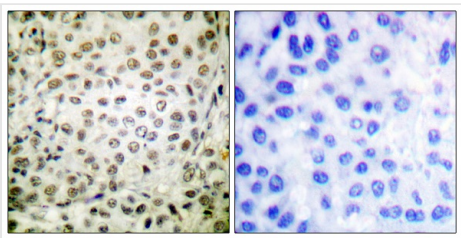
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100(4 degree overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



ELISA

Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using CDK2/CDC2 (Phospho-Thr160) Antibody



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast cancer, using CDK2/CDC2 (Phospho-Thr160) Antibody. The picture on the right is blocked with the CDK2/CDC2 (Phospho-Thr160) peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-Cdk2/Cdc2 antibody

cyclin dependent kinase 2 (CDK2) Homo sapiens 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. [provided by RefSeq, Mar 2014]

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 devision 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://stage.aaabiotech.com/polyclonal/cdk2-cdc2-antibody-western-blot-immunohistochemistry-immunohistochemistry-elisa/30744>