

CDK2 Antibody | anti-CDK2 antibody

CDK2 (Phospho-Thr160) Antibody

CATALOG # AAA267699	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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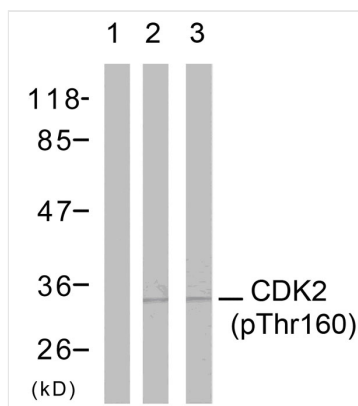
PRODUCT SYNONYMS

CDK2; CDK2 (Phospho-Thr160) Antibody; anti-CDK2 antibody

PRODUCT SPECIFICATIONS

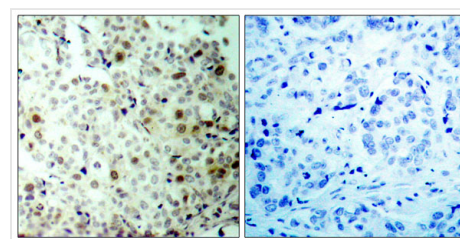
Reactivity	Human, Mouse, Rat
Specificity	CDK2(Phospho-Thr160) Antibody detects endogenous levels of CDK2 only when phosphorylated at Threonine 160.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	238
Applicable Applications for anti-CDK2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human CDK2 around the phosphorylation site of Threonine 160(T-Y-TP-H-E).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis using CDK2(Phospho-Thr160) Antibody. Line1: The extracts from A2780 cells using preincubated with synthesized phosphopeptide; Line2: The extracts from A2780 cells; Line3: The extracts from MDA-MB-435 cells.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded breast carcinoma, using CDK2 (Phospho-Thr160) Antibody. Left: Untreated; Right: Treated with synthesized phosphopeptide.

ADDITIONAL INFORMATION

References	Ukomadu C, et al.(2003) J Biol Chem; 278(7): 4840-6. Morris MC, et al.(2002) J Biol Chem; 277(26): 23847-53. Brown NR, et al.(1999) J Biol Chem; 274(13): 8746-56. Liu Y, et al.(2004) J Biol Chem; 279(6): 4507-14.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	589811557
NCBI GeneID	1017
NCBI Accession #	NP_001277159.1
NCBI GenBank Nucleotide #	NM_001290230.1
UniProt Accession #	P24941; O75100; A8K7C6
Molecular Weight	30,035 Da
NCBI Official Full Name	cyclin-dependent kinase 2 isoform 3
NCBI Official Synonym Full Names	cyclin dependent kinase 2
NCBI Official Symbol	CDK2
NCBI Official Synonym Symbols	CDKN2; p33(CDK2)
NCBI Protein Information	cyclin-dependent kinase 2
UniProt Protein Name	Cyclin-dependent kinase 2
UniProt Gene Name	CDK2
UniProt Synonym Gene Names	CDKN2

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/human-mouse-rat-antibody/cdk2/267699>