

Rabbit CDK10 Polyclonal Antibody | anti-CDK10 antibody

CDK10 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284936	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

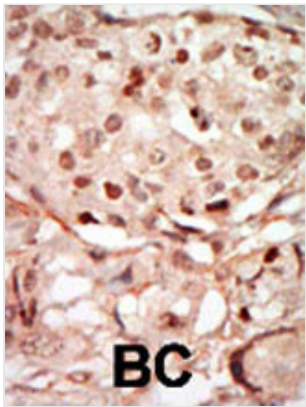
PRODUCT SYNONYMS

CDK10; Polyclonal Antibody; CDK10 Antibody (N-term); Cyclin-dependent kinase 10; Cell division protein kinase 10; Serine/threonine-protein kinase PISSLRE; anti-CDK10 antibody

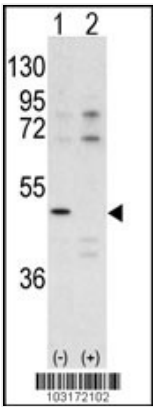
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDK10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-32 amino acids from the N-terminal region of human CDK10.
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	1-32
Sequence Length	289
Applicable Applications for anti-CDK10 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, 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. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of CDK10 antibody (N-term) pre-incubated with (Lane1) and without (Lane 2) blocking peptide in A375 cell line lysate. CDK10 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CDK10 antibody	CDK10 belongs to the CDK subfamily of the Ser/Thr protein kinase family. The CDK subfamily members are highly similar to the gene products of <i>S. cerevisiae</i> cdc28, and <i>S. pombe</i> cdc2, and are known to be essential for cell cycle progression. This kinase has been shown to play a role in cellular proliferation. Its function is limited to cell cycle G2-M phase.
Product Categories/Family for anti-CDK10 antibody	Cell Biology
References	Crawford, J., et al., Genomics 56(1):90-97 (1999). Brambilla, R., et al., Oncogene 9(10):3037-3041 (1994). Grana, X., et al., Oncogene 9(7):2097-2103 (1994). Morgan, D. O. Annu. Rev. Cell Dev. Biol. 13, 261 (1997) Sherr, C. Science 274:1672 (1996) Kamb A. TIG 11:136 (1995) Zhang, H. et al, Cell 82, 915 (1995) Parge, HE. et al., Science 262, 387 (1993) Hershko, A. et al., Ann. Rev. Biochem. 61, 761 (1992) Peters, JM. Curr. Biol. 10, 759 (1998) Skowrya, D. etal., Cell 91, 209 (1997) Ganoth D. et al., Nature Cell Biol. 3, 321-324 (2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	237858580
NCBI GeneID	8558
NCBI Accession #	NP_001092003.2; NP_001153839.1; NP_443713.2; NP_443714.3
NCBI GenBank Nucleotide #	NM_001098533.2
UniProt Accession #	Q15131; Q0VGZ7; Q15130; Q6PJC0; A8K370; A8K8I6; A8MXU6; B3KQJ3; B7Z420; D3DX82; D3DX83
Molecular Weight	41038
NCBI Official Full Name	cyclin-dependent kinase 10 isoform c
NCBI Official Synonym Full Names	cyclin-dependent kinase 10
NCBI Official Symbol	CDK10

NCBI Official Synonym Symbols	PISSLRE
NCBI Protein Information	cyclin-dependent kinase 10
UniProt Protein Name	Cyclin-dependent kinase 10
UniProt Gene Name	CDK10
UniProt Entry Name	CDK10_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/cdk10-antibody-immunohistochemistry-western-blot-elisa/284936>