

Rabbit Cdk6 Polyclonal Antibody | anti-Cdk6 antibody

Anti-Cdk6 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254604	Rabbit	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)	Immunohistochemistry

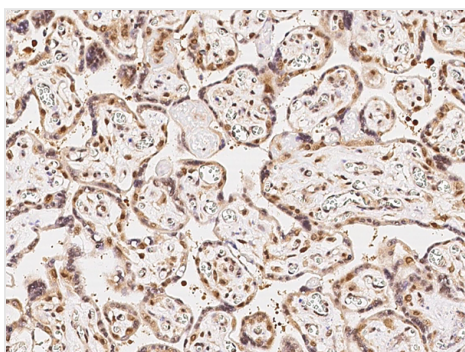
PRODUCT SYNONYMS

Cdk6; Polyclonal Antibody; Anti-Cdk6 Antibody; Rabbit Polyclonal; Cdk6 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-MCPH12 Antibody; Anti-PLSTIRE Antibody; anti-Cdk6 antibody

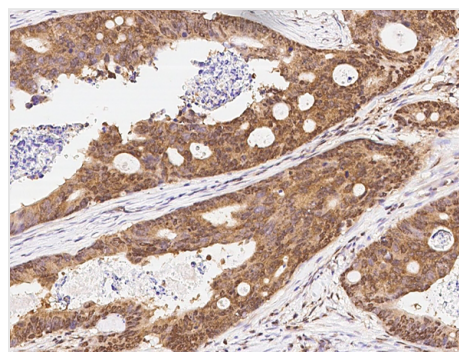
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Cdk6
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-Cdk6 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human Cdk6
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human Cdk6, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human CDK6 in human placenta with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human CDK6 in human colon carcinoma with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-Cdk6 antibody	The cell-cycle kinase CDK6 has been recognized not only as a typical cyclin-dependent kinase but as a transcriptional regulator with properties distinct from those of its close homologue CDK4. CDK6 regulates the transcription of a number of genes and its effects may be dependent on or independent of its kinase activity. The transcriptional function of CDK6 is crucial for its role in promoting myeloid and lymphoid malignancies, including AML and ALL and is important in maintaining hematopoietic and leukemic stem cells. CDK6 contributes to tumor formation by regulating transcriptional responses in a stage-specific manner. In early stages CDK6 kinase induces a complex transcriptional program to block p53 in hematopoietic cells. Cells lacking CDK6 kinase function are required to mutate p53 to achieve a fully transformed immortalized state. CDK6 binds to the promoters of genes including the p53-antagonists PRMT5, PPM1D and MDM4.
References	Bellutti F, et al. (2018) Cdk6 antagonizes p53-induced responses during tumorigenesis. Cancer Discov 8 (7): 884-897.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223718134
NCBI GeneID	1021
NCBI Accession #	NP_001138778.1
NCBI GenBank Nucleotide #	NM_001145306.1
UniProt Accession #	Q00534
Molecular Weight	326
NCBI Official Full Name	cyclin-dependent kinase 6
NCBI Official Synonym Full Names	cyclin-dependent kinase 6
NCBI Official Symbol	CDK6
NCBI Official Synonym Symbols	PLSTIRE
NCBI Protein Information	cyclin-dependent kinase 6; cell division protein kinase 6; serine/threonine-protein kinase PLSTIRE
UniProt Protein Name	Cyclin-dependent kinase 6
UniProt Gene Name	CDK6
UniProt Synonym Gene Names	CDKN6
UniProt Entry Name	CDK6_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/cdk6-antibody-immunohistochemistry-elisa/254604>