

Rabbit CDK6 Polyclonal Antibody | anti-CDK6 antibody

CDK6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312126	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunocytochemistry, Western Blot

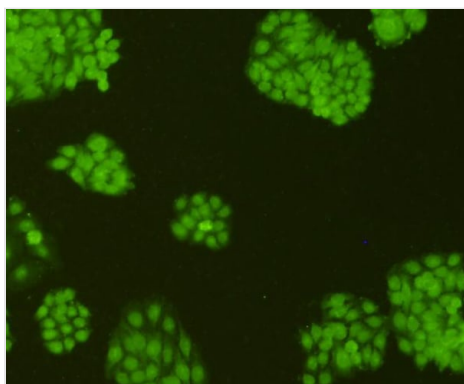
PRODUCT SYNONYMS

CDK6; Polyclonal Antibody; CDK6 Antibody; CDK 6 antibody; CDK6 antibody; CDK6_HUMAN antibody; Cell division protein kinase 6 antibody; Crk 2 antibody; Crk2 antibody; Cyclin dependent kinase 6 antibody; Cyclin-dependent kinase 6 antibody; MGC59692 antibody; p40 antibody; PLSTIRE antibody; Serine/threonine protein kinase PLSTIRE antibody; Serine/threonine-protein kinase PLSTIRE antibody; STQTL11 antibody; anti-CDK6 antibody

PRODUCT SPECIFICATIONS

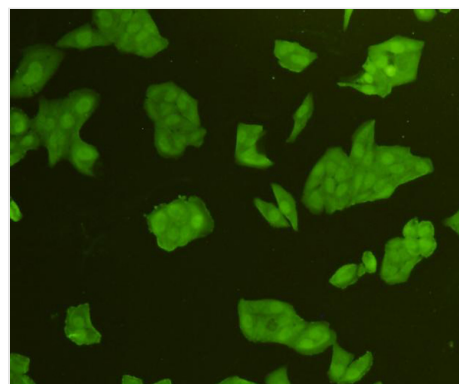
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CDK6 antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



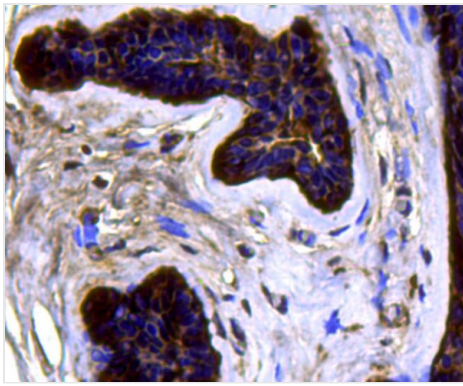
ICC (Immunocytochemistry)

ICC staining CDK6 in HepG2 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



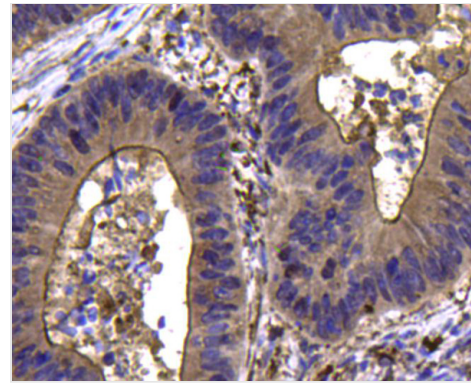
ICC (Immunocytochemistry)

ICC staining CDK6 in Hela cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



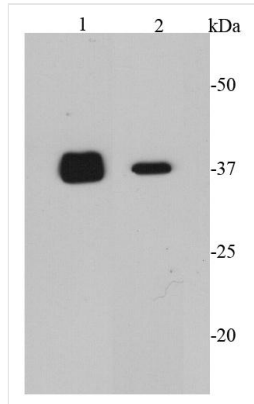
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-CDK6 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-CDK6 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of CDK6 on different cell lysates using anti-CDK6 antibody at 1/2000 dilution. Positive control: Lane 1: K562 Lane 2: COS-1

ADDITIONAL INFORMATION

Related Product Information for anti-CDK6 antibody

CDK6 protein contains a catalytic core composed of a serine/threonine domain. This protein also contains an ATP-binding pocket, inhibitory and activating phosphorylation sites, a PSTAIRE-like cyclin-binding domain and an activating T-loop motif. CDK6 is involved in a positive feedback loop that activates transcription factors through a reaction cascade. CDK6 is important for the control of G1 to S phase transition. However, in recent years, new evidence proved that the presence of CDK6 is not essential for proliferation in every cell type, the cell cycle has a complex circuitry of regulation and the role of CDK6 might be more important in certain cell types than in others, where CDK4 or CDK2 can act as protein kinases compensating its role.

Product Categories/Family for anti-CDK6 antibody

Total protein Ab

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-immunocytochemistry-western-blot-elisa/312126>