

Rabbit anti-Human Cdk6 Polyclonal Antibody | anti-CDK6 antibody

Cdk6 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29351	Rabbit	Human	Western Blot, Immunohistochemistry

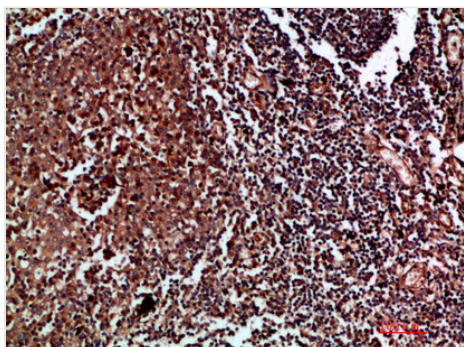
PRODUCT SYNONYMS

Cdk6; Polyclonal Antibody; Cdk6 Polyclonal Antibody; Cyclin-dependent kinase 6 (EC 2.7.11.22)(Cell division protein kinase 6)(Serine/threonine-protein kinase PLSTIRE); anti-CDK6 antibody

PRODUCT SPECIFICATIONS

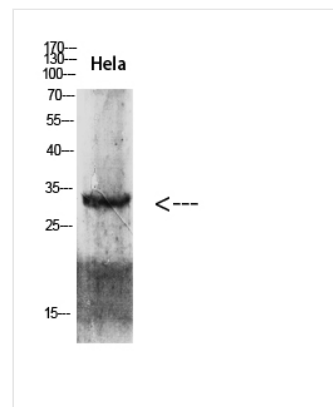
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-CDK6 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



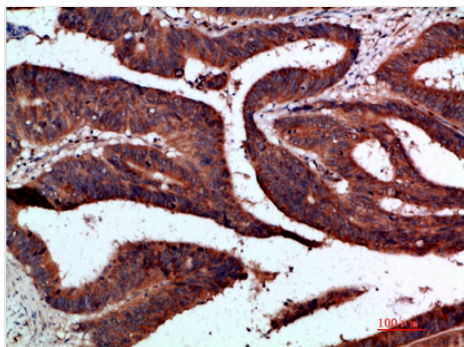
IHC (Immunohistochemistry)

Dilution: WB 1:500-2000, IHC-p 1:500-200, ELISA 1:10000-20000



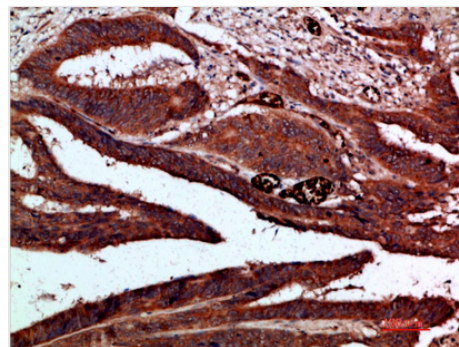
WB (Western Blot)

Dilution: WB 1:500-2000, IHC-p 1:500-200, ELISA 1:10000-20000



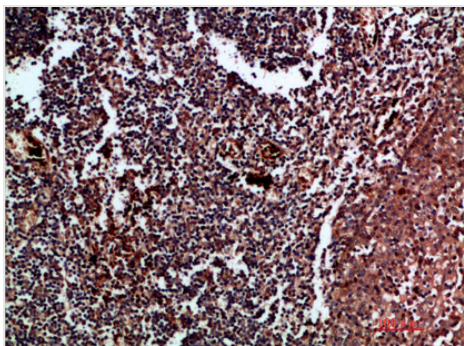
IHC (Immunohistochemistry)

Dilution: WB 1:500-2000, IHC-p 1:500-200, ELISA 1:10000-20000



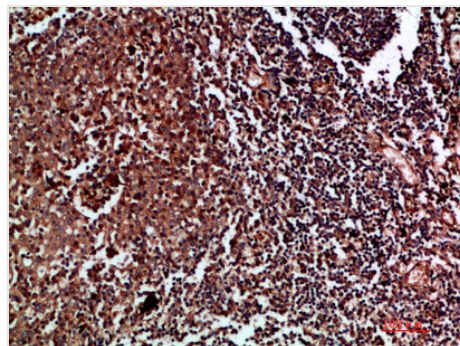
IHC (Immunohistochemistry-Paraffin)

Dilution: WB 1:500-2000, IHC-p 1:500-200, ELISA 1:10000-20000



IHC (Immunohistochemistry-Paraffin)

Dilution: WB 1:500-2000, IHC-p 1:500-200, ELISA 1:10000-20000



IHC (Immunohistochemistry-Paraffin)

Dilution: WB 1:500-2000, IHC-p 1:500-200, ELISA 1:10000-20000

ADDITIONAL INFORMATION

Related Product Information for anti-CDK6 antibody

Serine/threonine-protein kinase involved in the control of the cell cycle and differentiation; promotes G1/S transition. Phosphorylates pRB/RB1 and NPM1. Interacts with D-type G1 cyclins during interphase at G1 to form a pRB/RB1 kinase and controls the entrance into the cell cycle. Involved in initiation and maintenance of cell cycle exit during cell differentiation; prevents cell proliferation and regulates negatively cell differentiation, but is required for the proliferation of specific cell types (e.g. erythroid and hematopoietic cells). Essential for cell proliferation within the dentate gyrus of the hippocampus and the subventricular zone of the lateral ventricles. Required during thymocyte development. Promotes the production of newborn neurons, probably by modulating G1 length. Promotes, at least in astrocytes, changes in patterns of gene expression, changes in the actin cytoskeleton including loss of stress fibers, and enhanced motility during cell differentiation. Prevents myeloid differentiation by interfering with RUNX1 and reducing its transcription transactivation activity, but promotes proliferation of normal myeloid progenitors. Delays senescence. Promotes the proliferation of beta-cells in pancreatic islets of Langerhans. May play a role in the centrosome organization during the cell cycle phases (PubMed:23918663).

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.

