

Rabbit CDK5 Polyclonal Antibody | anti-CDK5 antibody

CDK5 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA170702	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

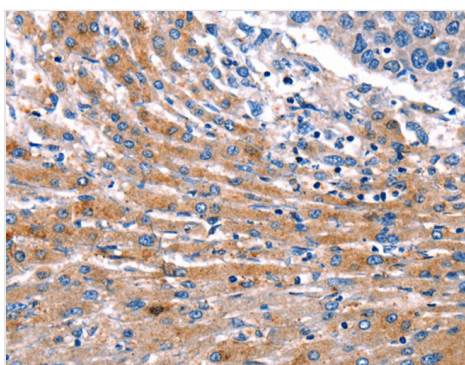
PRODUCT SYNONYMS

CDK5; Polyclonal Antibody; CDK5 Polyclonal Antibody; PSSALRE; anti-CDK5 antibody

PRODUCT SPECIFICATIONS

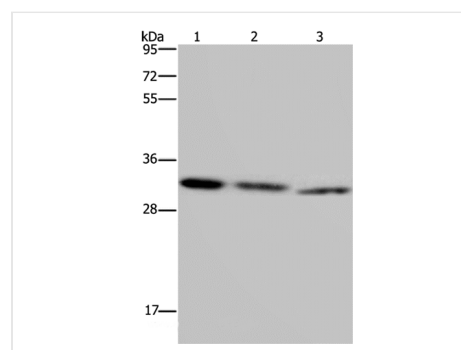
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.4mg/mL (varies by lot)
Sequence Length	292
Applicable Applications for anti-CDK5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human CDK5
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using CDK5 Polyclonal Antibody at dilution of 1:10



WB (Western Blot)

Western Blot analysis of Human fetal brain and colon cancer tissue using CDK5 Polyclonal Antibody at dilution of 1:150

ADDITIONAL INFORMATION

Related Product Information for anti-CDK5 antibody	Cell division protein kinase 5 is an enzyme that in humans is encoded by the CDK5 gene. The protein encoded by this gene is part of the cyclin-dependent kinase family. CDK5 is required for proper development of the brain and to be activated, CDK5 must associate with CDK5R1 or CDK5R2. Cdk5 is involved in the processes of neuronal maturation and migration, phosphorylating the key intracellular adaptor of the reelin signaling chain. Experiments performed on mice lacking p35, a necessary activator of cdk5 in early brain development, showed that the normal layering of neurons was reversed in the cortex. This disrupted lamination again implicated cdk5 in neuronal migration and plasticity. Cdk5 is also involved in the regulation of synaptic vesicle exocytosis via phosphorylation of munc-18.
Product Categories/Family for anti-CDK5 antibody	Cancer ; Cell biology ; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826675
NCBI GeneID	1020
NCBI Accession #	NP_004926.1
NCBI GenBank Nucleotide #	NM_004935.3
Molecular Weight	29,544 Da
NCBI Official Full Name	cyclin-dependent-like kinase 5 isoform 1
NCBI Official Synonym Full Names	cyclin-dependent kinase 5
NCBI Official Symbol	CDK5
NCBI Official Synonym Symbols	PSSALRE
NCBI Protein Information	cyclin-dependent-like kinase 5; TPKII catalytic subunit; cell division protein kinase 5; protein kinase CDK5 splicing; serine/threonine-protein kinase PSSALRE; tau protein kinase II catalytic subunit
UniProt Protein Name	Cyclin-dependent-like kinase 5
UniProt Gene Name	CDK5
UniProt Synonym Gene Names	CDKN5; TPKII catalytic subunit
UniProt Entry Name	CDK5_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/cdk5-antibody-immunohistochemistry-western-blot-elisa/170702>