

Mouse CDK5 Antibody | anti-CDK5 antibody

CDK5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108730	Mouse	Human, Rat, Monkey	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot

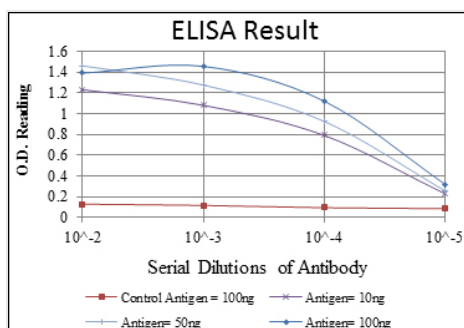
PRODUCT SYNONYMS

CDK5; CDK5 Antibody; PSSALRE; anti-CDK5 antibody

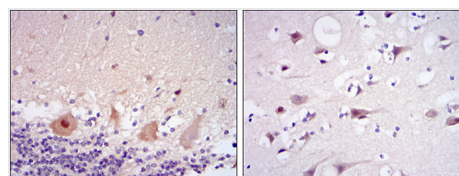
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Monkey
Isotype	IgG1
Clone Number	4E4
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	260
Applicable Applications for anti-CDK5 antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human CDK5 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES

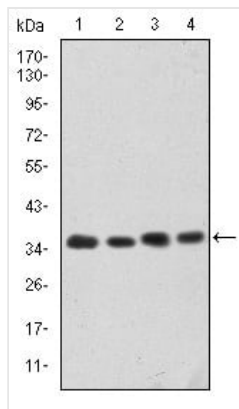


Application Data



Application Data

Figure 2: Immunohistochemical analysis of paraffin-embedded cerebellum tissues (left) and brain tissues (right) using CDK5 mouse mAb with DAB staining.



Application Data

Figure 1: Western blot analysis using CDK5 mouse mAb against HeLa (1), K562 (2), PC-12 (3) and Cos7 (4) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CDK5 antibody	Function: Probably involved in the control of the cell cycle. Interacts with D1 and D3-type G1 cyclins. Can phosphorylate histone H1, tau, MAP2 and NF-H and NF-M. Also interacts with p35 which activates the kinase.
Product Categories/Family for anti-CDK5 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	256542306
NCBI GeneID	1020
NCBI Accession #	NP_001157882.1
NCBI GenBank Nucleotide #	NM_001164410.2
UniProt Accession #	Q00535; A1XKG3
Molecular Weight	35kDa
NCBI Official Full Name	cyclin-dependent-like kinase 5 isoform 2
NCBI Official Synonym Full Names	cyclin dependent kinase 5
NCBI Official Symbol	CDK5
NCBI Official Synonym Symbols	LIS7; PSSALRE
NCBI Protein Information	cyclin-dependent-like kinase 5
UniProt Protein Name	Cyclin-dependent-like kinase 5
UniProt Gene Name	CDK5
UniProt Synonym Gene Names	CDKN5; TPKII catalytic subunit

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/mouse-human-monkey-rat-antibody/cdk5/108730>