Mouse anti-Human, Rat CDK5 Monoclonal Antibody | anti-CDK5 antibody

Anti-CDK5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266063	**Mouse**	**Human, Rat**	**Western Blot**

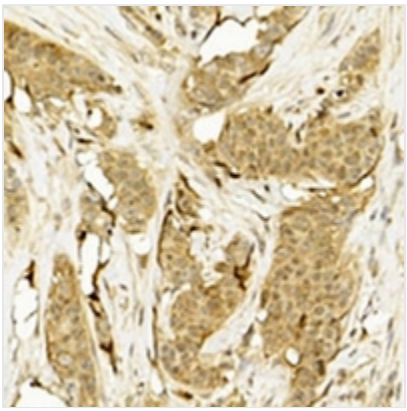
PRODUCT SYNONYMS

CDK5; Monoclonal Antibody; Anti-CDK5 Antibody; anti-CDK5 antibody

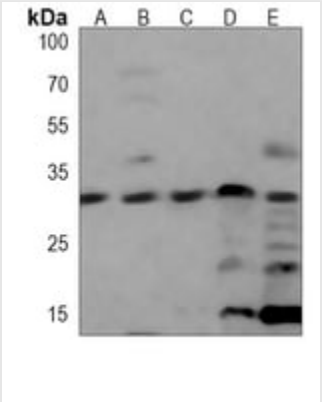
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Specificity	Recognizes endogenous levels of CDK5 protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgG1 kappa. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-CDK5 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein of human CDK5. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of CDK5 staining in human breast carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of CDK5 expression in SHSY5Y (A), SKBR3 (B), Hela (C), mouse brain (D), rat brain (E) whole cell lysates. (Predicted band size: 33 kD; Observed band size: 33 kD

ADDITIONAL INFORMATION

Related Product Information for anti-CDK5 antibody	Mouse monoclonal antibody to CDK5
Product Categories/Family for anti-CDK5 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	256542306
NCBI GeneID	1020
NCBI Accession #	NP_001157882.1
NCBI GenBank Nucleotide #	NM_001164410.1
UniProt Accession #	Q00535; Q03114
Molecular Weight	33,304 Da
NCBI Official Full Name	cyclin-dependent kinase 5 isoform 2
NCBI Official Synonym Full Names	cyclin-dependent kinase 5
NCBI Official Symbol	CDK5
NCBI Official Synonym Symbols	PSSALRE
NCBI Protein Information	cyclin-dependent kinase 5; TPKII catalytic subunit; protein kinase CDK5 splicing; cell division protein kinase 5; serine/threonine-protein kinase PSSALRE; tau protein kinase II catalytic subunit
UniProt Protein Name	Cyclin-dependent 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/monoclonal/cdk5-antibody-western-blot-elisa/266063