

Rabbit CDK5 Polyclonal Antibody | anti-CDK5 antibody

Anti-CDK5 (pY15) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260239	Rabbit	Human, Mouse, Rat, Bovine, Chicken, Porcine, Sheep	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

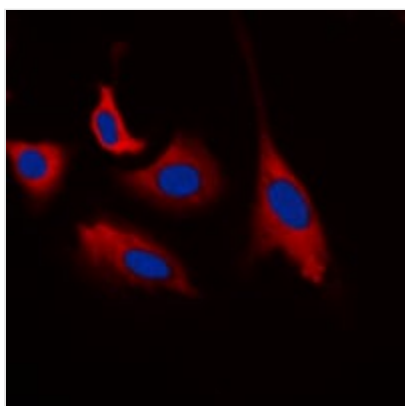
PRODUCT SYNONYMS

CDK5; Polyclonal Antibody; Anti-CDK5 (pY15) Phospho Antibody; CDKN5; Cyclin-dependent kinase 5; Cell division protein kinase 5; Serine/threonine-protein kinase PSSALRE; Tau protein kinase II catalytic subunit; TPKII catalytic subunit; anti-CDK5 antibody

PRODUCT SPECIFICATIONS

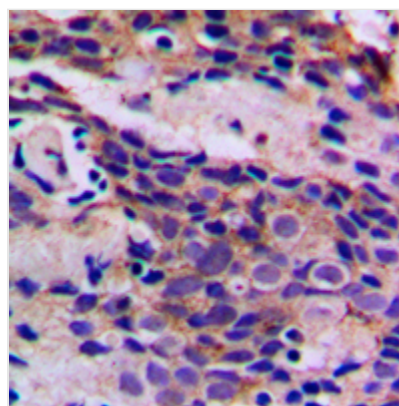
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Porcine, Sheep
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of CDK5 (pY15) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	260
Applicable Applications for anti-CDK5 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region 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



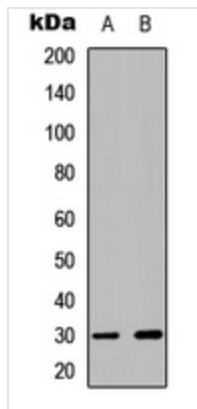
IF (Immunofluorescence)

Immunofluorescent analysis of CDK5 (pY15) staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of CDK5 (pY15) staining in human breast cancer 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 (pY15) expression in HT29 PMA-treated (A), HEK293 PMA-treated (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CDK5 antibody	Rabbit polyclonal antibody to CDK5 (pY15)
--	---

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	29,544 Da
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
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://stage.aaabiotech.com/polyclonal/cdk5-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/260239>