

Rabbit CDK5R1 Polyclonal Antibody | anti-CDK5R1 antibody

CDK5R1 Antibody

CATALOG # AAA303051	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
-------------------------------	-----------------------	--	---

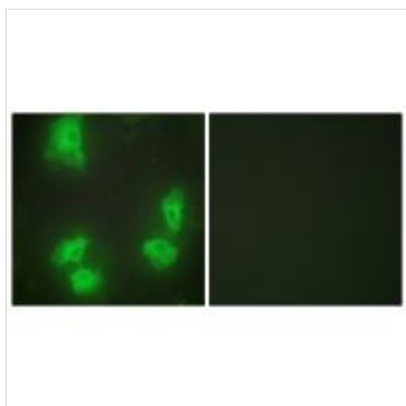
PRODUCT SYNONYMS

CDK5R1; Polyclonal Antibody; CDK5R1 Antibody; CD5R; CD5R1; CDK5 activator 1; CDK5R; Cyclin-dependent kinase 5 activator 1 precursor; anti-CDK5R1 antibody

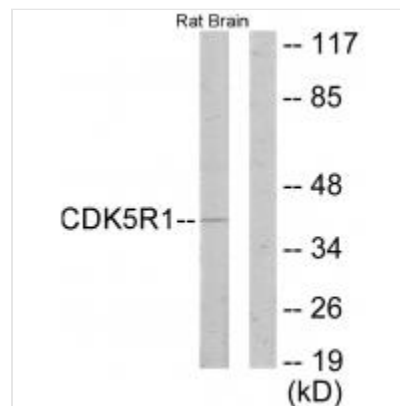
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CDK5R1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	307
Applicable Applications for anti-CDK5R1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CDK5R1.
Target Name	CDK5R1
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using CDK5R1 antibody.


WB (Western Blot)

Western blot analysis of extracts from rat brain cells, using CDK5R1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CDK5R1 antibody	p35 is a neuron specific activator of CDK5. The complex p35/CDK5 is required for neurite outgrowth and cortical lamination. Involved in dendritic spine morphogenesis by mediating the EFNA1-EPHA4 signaling. Activator of TPKII. The complex p35/CDK5 participates in the regulation of the circadian clock by modulating the function of CLOCK protein: phosphorylates CLOCK at 'Thr-451' and 'Thr-461' and regulates the transcriptional activity of the CLOCK-ARNTL/BMAL1 heterodimer in association with altered stability and subcellular distribution.Tsai L.-H., Nature 371:419-423(1994).Patrick G.N., Nature 402:615-622(1999).Kesavapany S., J. Neurosci. 24:4421-4431(2004).
Product Categories/Family for anti-CDK5R1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502737
NCBI GeneID	8851
NCBI Accession #	NP_003876.1
NCBI GenBank Nucleotide #	NM_003885.2
UniProt Accession #	Q15078; Q5U0G3; E1P664
Molecular Weight	34,060 Da
NCBI Official Full Name	cyclin-dependent kinase 5 activator 1
NCBI Official Synonym Full Names	cyclin-dependent kinase 5, regulatory subunit 1 (p35)
NCBI Official Symbol	CDK5R1
NCBI Official Synonym Symbols	p23; p25; p35; CDK5R; NCK5A; CDK5P35; p35nck5a
NCBI Protein Information	cyclin-dependent kinase 5 activator 1
UniProt Protein Name	Cyclin-dependent kinase 5 activator 1
UniProt Gene Name	CDK5R1
UniProt Synonym Gene Names	CDK5R; NCK5A; CDK5 activator 1; p35; p25; p23
UniProt Entry Name	CD5R1_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/polyclonal/cdk5r1-antibody-immunofluorescence-western-blot-elisa/303051>