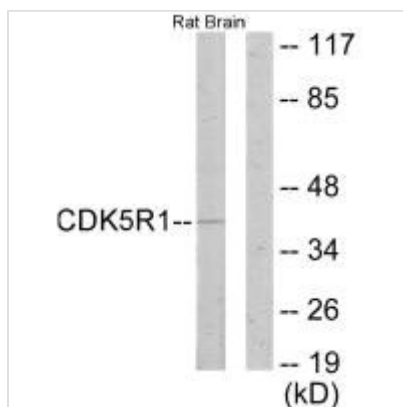


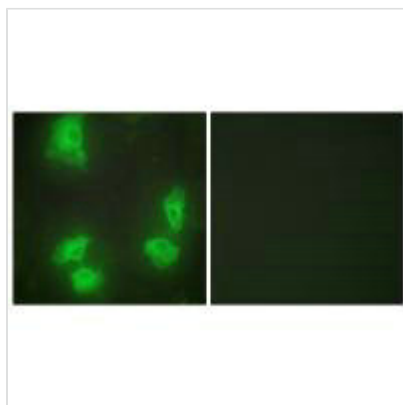


CDK5R1 Antibody

Product Code	CSB-PA932439
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q15078
Immunogen	Synthesized peptide derived from internal of Human CDK5R1.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total CDK5R1 protein.
Tested Applications	ELISA,WB,IF;WB:1:500-1:3000,IF:1:100-1:500
Relevance	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).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	CD5R; CD5R1; CDK5 activator 1; CDK5R; Cyclin-dependent kinase 5 activator 1 precursor
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	CDK5R1
Image	



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



Immunofluorescence analysis of HeLa cells, using CDK5R1 antibody.