



## Anti-CDK5 polyclonal antibody (DPABH-12194)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH, corresponding to the C-terminus of Human Cdk5 (NP_004926.1).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IP, ELISA, IHC-P, ICC/IF
<b>Format</b>	Liquid
<b>Size</b>	50 µl
<b>Preservative</b>	0.01% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">CDK5 cyclin-dependent kinase 5 [ Homo sapiens ]</a>
<b>Official Symbol</b>	Cdk5
<b>Synonyms</b>	CDK5; cyclin-dependent kinase 5; PSSALRE; TPKII catalytic subunit; protein kinase CDK5

splicing; cell division protein kinase 5; serine/threonine-protein kinase PSSALRE; tau protein kinase II catalytic subunit;

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<b>Entrez Gene ID</b>	<a href="#">1020</a>
<b>Protein Refseq</b>	<a href="#">NP_001157882</a>
<b>UniProt ID</b>	<a href="#">Q00535</a>
<b>Chromosome Location</b>	7q36
<b>Pathway</b>	Alzheimers disease; Axon guidance; CRMPs in Sema3A signaling; Cocaine addiction;
<b>Function</b>	ATP binding; ErbB-2 class receptor binding; ErbB-3 class receptor binding; acetylcholine receptor activator activity; cyclin-dependent protein kinase activity; kinase activity; nucleotide binding

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