

For Research Use Only

CDK5 Recombinant antibody, PBS Only

Catalog Number: 84749-1-PBS



Basic Information

Catalog Number: 84749-1-PBS	GenBank Accession Number: BC005115	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 1020	CloneNo.: 241908F10
Source: Rabbit	UNIPROT ID: Q00535	
Isotype: IgG	Full Name: cyclin-dependent kinase 5	
Immunogen Catalog Number: AG28465	Calculated MW: 31 kDa, 33 kDa	
	Observed MW: 31-33 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Cyclin-dependent kinase 5 (CDK5), belongs to the cyclin-dependent kinase family, is a proline-directed serine/threonine-protein kinase that essential for neuronal cell cycle arrest and differentiation and may be involved in apoptotic cell death in neuronal diseases by triggering abortive cell cycle re-entry. CDK5 predominantly expressed in neurons where it phosphorylates both high molecular weight neurofilaments and microtubule-associated protein tau.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

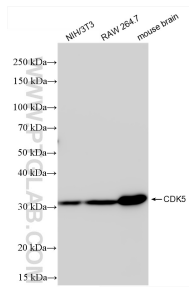
T: 4006900926

E: Proteintech-CN@ptglab.com

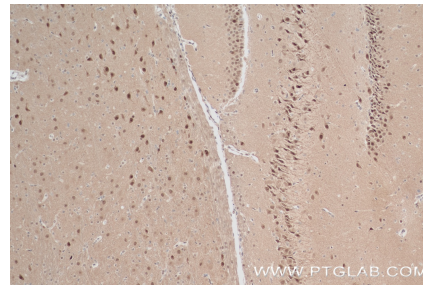
W: ptgcn.com

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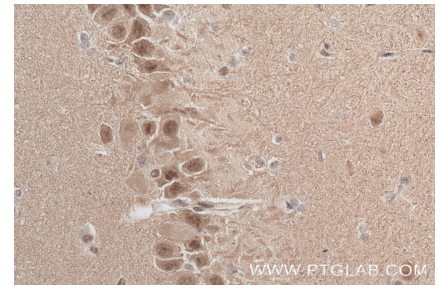
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84749-1-RR (CDK5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84749-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 84749-1-RR (CDK5 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84749-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 84749-1-RR (CDK5 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84749-1-PBS in a different storage buffer formulation.