

For Research Use Only

CDK5R1 Monoclonal antibody, PBS Only



Catalog Number: 67503-1-PBS

Basic Information

| | | |
|---|--|---|
| Catalog Number: 67503-1-PBS | GenBank Accession Number: BC020580 | Purification Method: Protein A purification |
| Size: 1 mg/ml | GeneID (NCBI): 8851 | CloneNo.: 1A3A5 |
| Source: Mouse | UNIPROT ID: Q15078 | |
| Isotype: IgG2b | Full Name: cyclin-dependent kinase 5, regulatory subunit 1 (p35) | |
| Immunogen Catalog Number: AG13152 | Calculated MW: 34 kDa | |
| | Observed MW: 34 kDa | |

Applications

Tested Applications:
WB, Indirect ELISA, IHC

Species Specificity:
Human, mouse, rat, pig, rabbit

Background Information

Cyclin dependent kinase-5 (Cdk5), is an atypical but essential member of the Cdk family of proline-directed serine/threonine kinases. CDK5R1 encodes p35, a specific activator of the serine/threonine kinase CDK5, which plays a central role in neuronal migration and differentiation during central nervous system development. The p35 form of this protein is proteolytically cleaved by calpain, generating a p25 form.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

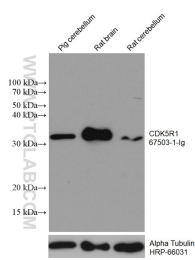
T: 4006900926

E: Proteintech-CN@ptglab.com

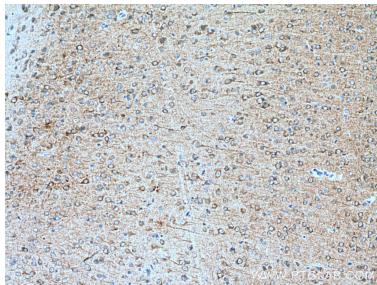
W: ptgcn.com

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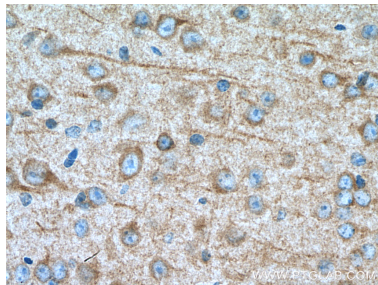
Selected Validation Data



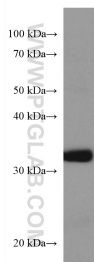
Various lysates were subjected to SDS PAGE followed by western blot with 67503-1-Ig (CDK5R1 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 67503-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67503-1-Ig (CDK5R1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67503-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67503-1-Ig (CDK5R1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67503-1-PBS in a different storage buffer formulation.



mouse cerebellum tissue were subjected to SDS PAGE followed by western blot with 67503-1-Ig (CDK5R1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67503-1-PBS in a different storage buffer formulation.