Basic Information

Catalog Number: 18346-1-AP

Size: 150μl, Concentration: 300 μg/ml by Nanodrop and 220 μg/ml by Bradford method using BSA as the standard

Source: Rabbit

Isotype: IgG

Immunogen Catalog Number: AG13152

GenBank Accession Number: BC020580

GeneID (NCBI): 8851

Full Name: cyclin-dependent kinase 5, regulatory subunit 1 (p35)

Calculated MW: 34 kDa

Observed MW: 34 kDa

Purification Method: Antigen affinity purification

Recommended Dilutions:
- WB: 1:500-1:1000
- IP: 0.5-4.0 μg for IP and 1:500-1:1000 for WB

Applications

Tested Applications: IP, WB, ELISA

Cited Applications: WB

Species Specificity: human, mouse, rat

Cited Species: mouse

Positive Controls:
- WB: mouse brain tissue, rat brain tissue
- IP: mouse brain tissue

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.

Notable Publications

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<td>Archna Sharma</td>
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Storage

Storage: Store at -20°C. Stable for one year after shipment.

Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4652) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
Various lysates were subjected to SDS PAGE followed by western blot with 18346-1-AP (p35 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.