

For Research Use Only

CDKL5 Polyclonal antibody, PBS Only

Catalog Number:12973-1-PBS



Basic Information

Catalog Number:

12973-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3531

GenBank Accession Number:

BC036091

GeneID (NCBI):

6792

UNIPROT ID:

O76039

Full Name:

cyclin-dependent kinase-like 5

Calculated MW:

1030 aa, 114 kDa

Observed MW:

100-110 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Cyclin dependent kinase like 5 (CDKL5) may regulate ciliogenesis and neuronal morphogenesis. It has been reported that CDKL5 is associated with epileptic seizures, severe intellectual disability, and autistic features. The CDKL5 protein is a kinase that regulates key phosphorylation events vital to the development of the complex neuronal network of the brain.

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, pH7.3

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

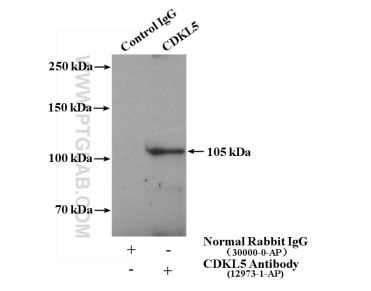
T: 4006900926

E: Proteintech-CN@ptglab.com

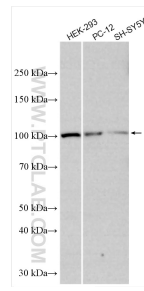
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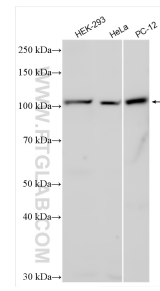
Selected Validation Data



IP result of anti-CDKL5 (IP:12973-1-AP, 4ug; Detection:12973-1-AP 1:300) with mouse brain tissue lysate 3200 ug. This data was developed using the same antibody clone with 12973-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 12973-1-AP (CDKL5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12973-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 12973-1-AP (CDKL5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12973-1-PBS in a different storage buffer formulation.