

For Research Use Only

CDKL5 Polyclonal antibody, PBS Only

Catalog Number:12973-1-PBS



Basic Information

Catalog Number: 12973-1-PBS	GenBank Accession Number: BC036091	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6792	
Source: Rabbit	UNIPROT ID: O76039	
Isotype: IgG	Full Name: cyclin-dependent kinase-Like 5	
Immunogen Catalog Number: AG3531	Calculated MW: 1030 aa, 114 kDa	
	Observed MW: 100-110 kDa	

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.
Storage Buffer:
PBS only, pH7.3

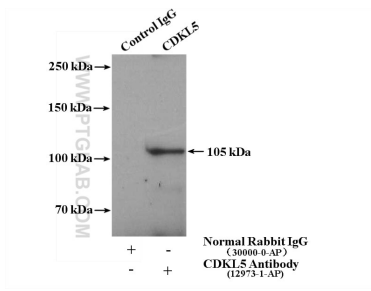
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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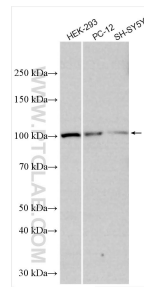
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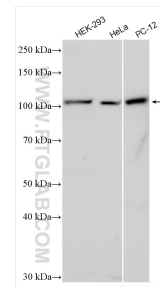
Selected Validation Data



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.