

For Research Use Only

# DCLK2 Polyclonal antibody, PBS Only

Catalog Number: 25450-1-PBS



## Basic Information

<b>Catalog Number:</b> 25450-1-PBS	<b>GenBank Accession Number:</b> BC032726	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 166614	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8N568	
<b>Isotype:</b> IgG	<b>Full Name:</b> doublecortin-like kinase 2	
<b>Immunogen Catalog Number:</b> AG22142	<b>Calculated MW:</b> 766 aa, 84 kDa	
	<b>Observed MW:</b> 83 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, IP, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

DCLK2 belongs to the protein kinase superfamily, contains two N-terminal doublecortin domains, a C-terminal serine/threonine protein kinase domain, and a serine/proline-rich domain in between the doublecortin and the protein kinase domains. DCLK2 is expressed in the brain, heart and eyes (PMID: 18075264).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

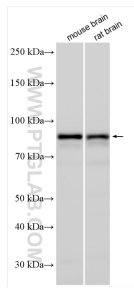
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

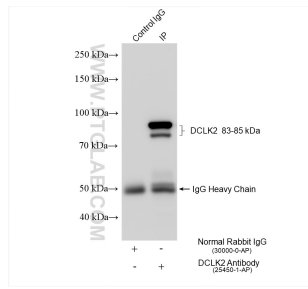
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

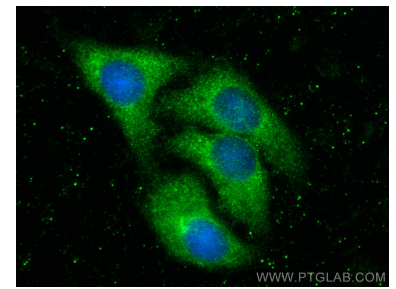
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25450-1-AP (DCLK2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25450-1-PBS in a different storage buffer formulation.



IP result of anti-DCLK2 (IP:25450-1-AP, 4ug; Detection:25450-1-AP 1:3000) with mouse brain tissue lysate 2100 ug. This data was developed using the same antibody clone with 25450-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using DCLK2 antibody (25450-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 25450-1-PBS in a different storage buffer formulation.