

For Research Use Only

# DCLK2 Polyclonal antibody, PBS Only

Catalog Number: 25450-1-PBS



## Basic Information

|   |   |  |
|---|---|--|
| <b>Catalog Number:</b><br>25450-1-PBS       | <b>GenBank Accession Number:</b><br>BC032726    | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>1 mg/ml                     | <b>GeneID (NCBI):</b><br>166614                 |  |
| <b>Source:</b><br>Rabbit                    | <b>UNIPROT ID:</b><br>Q8N568                    |  |
| <b>Isotype:</b><br>IgG                      | <b>Full Name:</b><br>doublecortin-like kinase 2 |  |
| <b>Immunogen Catalog Number:</b><br>AG22142 | <b>Calculated MW:</b><br>766 aa, 84 kDa         |  |
|   | <b>Observed MW:</b><br>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.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

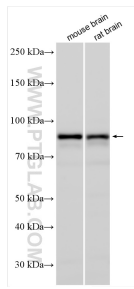
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

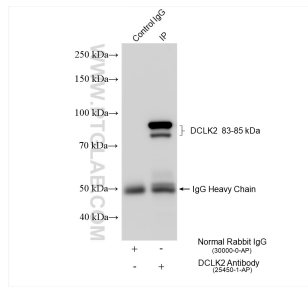
W: [ptgcn.com](http://ptgcn.com)

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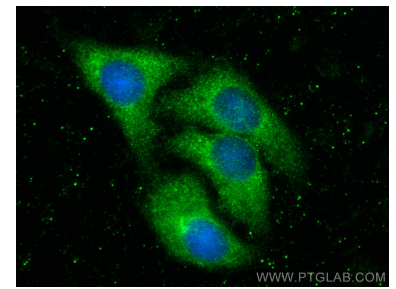
## Selected Validation Data



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.