

For Research Use Only

DCLK2 Polyclonal antibody

Catalog Number: 25450-1-AP



Basic Information

Catalog Number:

25450-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22142

GenBank Accession Number:

BC032726

GeneID (NCBI):

166614

UNIPROT ID:

Q8N568

Full Name:

doublecortin-like kinase 2

Calculated MW:

766 aa, 84 kDa

Observed MW:

83 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IF 1:50-1:500

Applications

Tested Applications:

WB, IP, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IP : mouse brain tissue,

IF : HepG2 cells,

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 -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

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

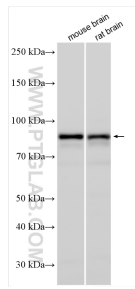
T: 4006900926

E: Proteintech-CN@ptglab.com

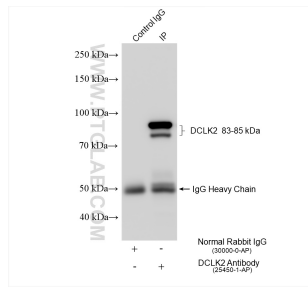
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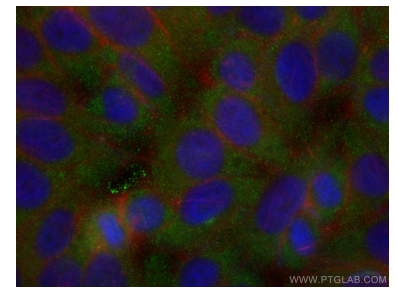
Selected Validation Data



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.



IP result of anti-DCLK2 (IP:25450-1-AP, 4 μ g; Detection:25450-1-AP 1:3000) with mouse brain tissue lysate 2100 μ g.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using DCLK2 antibody (25450-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).