

For Research Use Only

# CDC5L Polyclonal antibody

Catalog Number: 12974-1-AP

3 Publications



## Basic Information

### Catalog Number:

12974-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 340 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3578

### GenBank Accession Number:

BC001568

### GeneID (NCBI):

988

### UNIPROT ID:

Q99459

### Full Name:

CDC5 cell division cycle 5-like (S. pombe)

### Calculated MW:

802 aa, 92 kDa

### Observed MW:

100 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:50-1:500

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse

### Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : human brain tissue, HEK-293 cells, HepG2 cells, mouse brain tissue

IP : mouse brain tissue,

IHC : mouse testis tissue, mouse brain tissue

IF/ICC : HepG2 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Li Liu	31527085	J Biol Chem	WB
Chunmei Zhang	32167655	Cancer Med	WB
Zhichao Gu	29371990	Oncotarget	WB

## 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

\*\*\* 20ul sizes contain 0.1% BSA

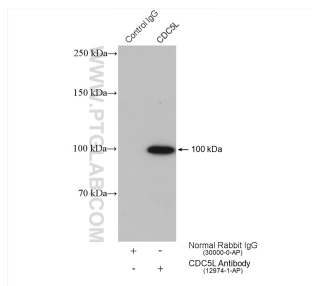
For technical support and original validation data for this product please contact:

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

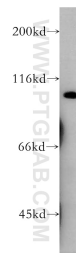
E: proteintech@ptglab.com  
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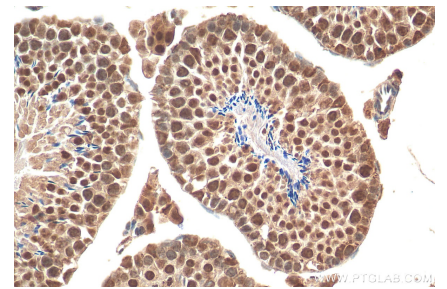
## Selected Validation Data



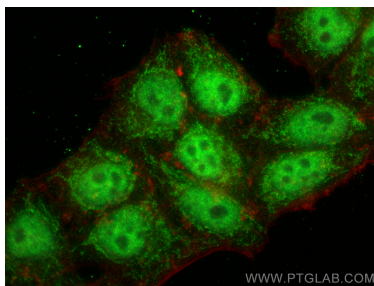
IP result of anti-CDC5L (IP:12974-1-AP, 4ug; Detection:12974-1-AP 1:500) with mouse brain tissue lysate 1600 ug.



human brain tissue were subjected to SDS PAGE followed by western blot with 12974-1-AP (CDC5L antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 12974-1-AP (CDC5L antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CDC5L antibody (12974-1-AP) at dilution of 1:400 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).