

For Research Use Only

# DCUN1D1 Polyclonal antibody

Catalog Number:10965-1-AP

Featured Product

2 Publications



## Basic Information

### Catalog Number:

10965-1-AP

### Size:

150ul , Concentration: 700 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1440

### GenBank Accession Number:

BC009478

### GeneID (NCBI):

54165

### UNIPROT ID:

Q96GG9

### Full Name:

DCN1, defective in cullin neddylation 1, domain containing 1 (S. cerevisiae)

### Calculated MW:

30 kDa

### Observed MW:

28 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:12000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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 : Jurkat cells, mouse brain tissue, rat brain tissue

IHC : human gliomas tissue,

## Background Information

It has been found that DCUN1D1, also known as squamous cell carcinoma-related oncogene, expression may play a role in development of brain metastasis in patients with Non-small cell lung carcinoma (NSCLC). DCUN1D1-positive tumor cells may have the ability to disrupt the blood-brain-barrier and colonize the brain. Those results suggest that DCUN1D1 may play a role in the brain parenchyma invasion.

## Notable Publications

Author	Pubmed ID	Journal	Application
Wenjuan Zhou	35544948	Biochem Cell Biol	WB,IHC
Huiling Li	36517592	Nature	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

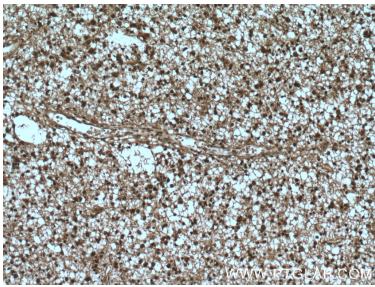
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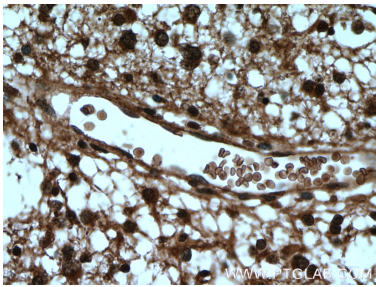
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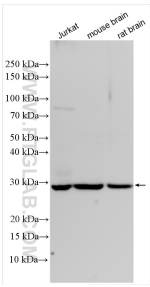
Selected Validation Data



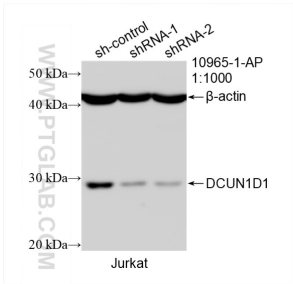
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 10965-1-AP (DCUN1D1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 10965-1-AP (DCUN1D1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 10965-1-AP (DCUN1D1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



WB result of DCUN1D1 antibody (10965-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DCUN1D1 transfected Jurkat cells.