

For Research Use Only

# DCUN1D1 Polyclonal antibody

Catalog Number: 10965-1-AP

Featured Product

2 Publications



## Basic Information

<b>Catalog Number:</b> 10965-1-AP	<b>GenBank Accession Number:</b> BC009478	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 700 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 54165	<b>Recommended Dilutions:</b> WB 1:2000-1:12000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> DCN1, defective in cullin neddylation 1, domain containing 1 (S. cerevisiae)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 30 kDa	
<b>Immunogen Catalog Number:</b> AG1440	<b>Observed MW:</b> 28 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, mouse brain tissue, rat brain tissue IHC : human gliomas tissue,
<b>Cited Applications:</b> IHC, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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
Huilin Li	36517592	Nature	WB

## Storage

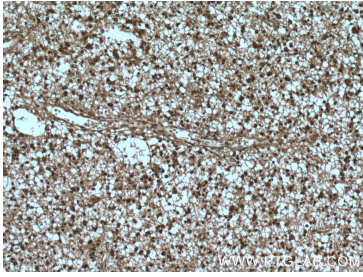
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

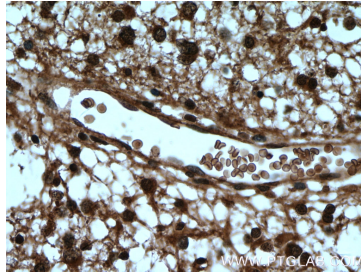
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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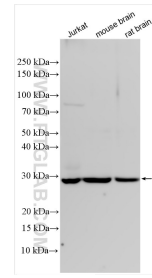
## Selected Validation Data



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.