

For Research Use Only

DCUN1D1 Polyclonal antibody

Catalog Number:10965-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

10965-1-AP

Concentration:

700 ug/ml

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:

30 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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

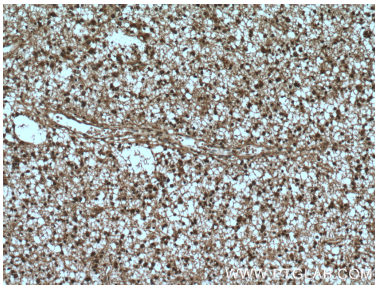
T: 4006900926

E: Proteintech-CN@ptglab.com

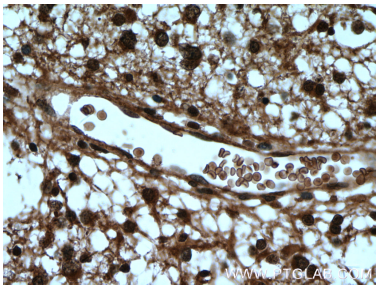
W: ptgcn.com

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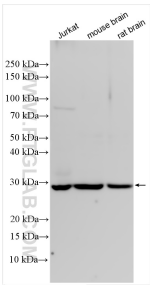
Selected Validation Data



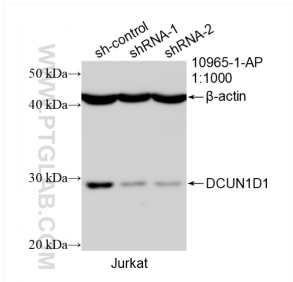
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 10965-1-AP (DCUN1D1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.