

For Research Use Only

EPB41L3 Polyclonal antibody

Catalog Number: 10719-1-AP

1 Publications



Basic Information

Catalog Number:

10719-1-AP

Size:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1089

GenBank Accession Number:

BC008377

GeneID (NCBI):

23136

UNIPROT ID:

Q9Y2J2

Full Name:

erythrocyte membrane protein band

4.1-like 3

Calculated MW:

121 kDa

Observed MW:

120-130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : PC-3 cells, U2OS cells

IHC : human brain tissue,

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

Background Information

EPB41L3, also known as 4.1B and DAL1, belongs to the protein 4.1 family. It is a tumor suppressor that inhibits cell proliferation and promotes apoptosis. EPB41L3 modulates the activity of protein arginine N-methyltransferases, including PRMT3 and PRMT5 (PMID: 15334060, 15737618). DAL1 loss is an early event in meningioma tumorigenesis (PMID: 10888600).

Notable Publications

Author	Pubmed ID	Journal	Application
Min Kyung Kim	37373330	Int J Mol Sci	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

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

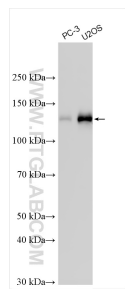
T: 4006900926

E: Proteintech-CN@ptglab.com

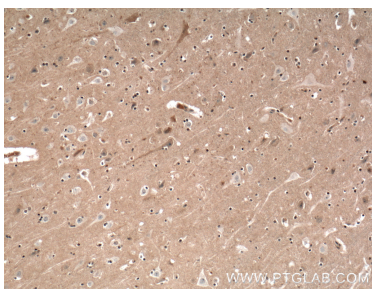
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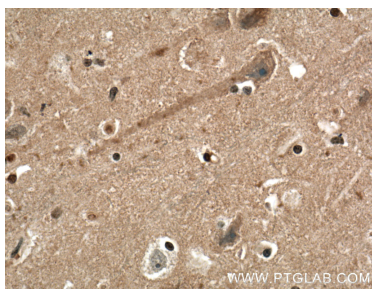
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10719-1-AP (EPB41L3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 10719-1-AP (EPB41L3 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 brain tissue slide using 10719-1-AP (EPB41L3 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).