

For Research Use Only

EPB41L3 Polyclonal antibody

Catalog Number: 10719-1-AP

1 Publications



Basic Information

Catalog Number: 10719-1-AP	GenBank Accession Number: BC008377	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop and 247 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23136	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9Y2J2	
Isotype: IgG	Full Name: erythrocyte membrane protein band 4.1-like 3	
Immunogen Catalog Number: AG1089	Calculated MW: 121 kDa	
	Observed MW: 120-130 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : PC-3 cells, U2OS cells
Cited Applications: WB	IHC : human brain tissue,
Species Specificity: human, mouse, rat	
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	

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

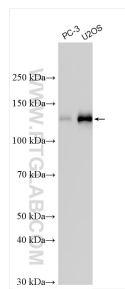
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

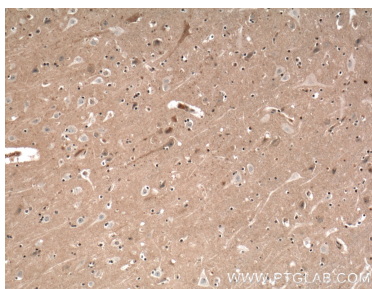
For technical support and original validation data for this product please contact:
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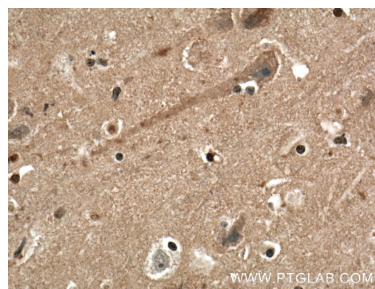
Selected Validation Data



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).