

For Research Use Only

EPB41L4B Polyclonal antibody

Catalog Number: 31669-1-AP



Basic Information

Catalog Number: 31669-1-AP	GenBank Accession Number: NM_00138562	Purification Method: Antigen affinity Purification
Size: 1300 µg/ml	GeneID (NCBI): 54566	Recommended Dilutions: WB 1:1000-1:5000
Source: Rabbit	UNIPROT ID: Q9H329	
Isotype: IgG	Full Name: erythrocyte membrane protein band 4.1 like 4B	
Immunogen Catalog Number: AG36353	Calculated MW: 99kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Caco-2 cells, HEK-293T cells, MCF-7 cells, U-87 MG cells
Species Specificity: Human	

Background Information

The 4.1 proteins, encoded by the EPB41 (erythrocyte protein band 4.1) genes, are components of the cortical cytoskeleton underlying the cell membrane. The family of 4.1 proteins consists of the eponymous 4.1R protein first identified in erythrocytes (gene: EPB41), 4.1N (EPB41L1), 4.1G (EPB41L2), 4.1B (EPB41L3) as well as the less closely related members NBL4 (EPB41L4A), EHM2 (EPB41L4B) and EPB41L5 (EPB41L5). EHM2 is conspicuous in tumor cells with high migratory potential, such as metastatic melanoma and fibrosarcoma cells. In prostate cancer, EHM2 has been reported to be overexpressed and to diminish adhesion of prostate cancer cells to collagen. (PMID: 20860828)

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:

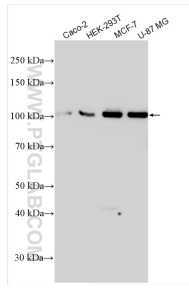
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31669-1-AP (EPB41L4B antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.