

For Research Use Only

# EPB41L4B Polyclonal antibody

Catalog Number:31669-1-AP



## Basic Information

<b>Catalog Number:</b> 31669-1-AP	<b>GenBank Accession Number:</b> NM_00138562	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 1300 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 54566	<b>Recommended Dilutions:</b> WB 1:1000-1:5000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H329	
<b>Isotype:</b> IgG	<b>Full Name:</b> erythrocyte membrane protein band 4.1 like 4B	
<b>Immunogen Catalog Number:</b> AG36353	<b>Calculated MW:</b> 99kDa	
	<b>Observed MW:</b> 100 kDa	

## Applications

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

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

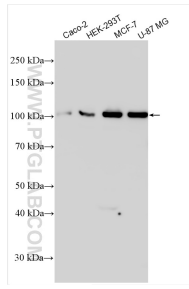
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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.