

For Research Use Only

EPB41L5 Polyclonal antibody

Catalog Number: 29180-1-AP



Basic Information

Catalog Number: 29180-1-AP	GenBank Accession Number: BC032822	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 57669	Recommended Dilutions: WB 1:1000-1:8000
Source: Rabbit	UNIPROT ID: Q9HCM4	
Isotype: IgG	Full Name: erythrocyte membrane protein band 4.1 like 5	
Immunogen Catalog Number: AG30300	Observed MW: 58 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells, MCF-7 cells
Species Specificity: human	

Background Information

EPB41L5, a member of the NBL4 subgroup of the band 4.1 superfamily, contains a FERM domain and plays an important role in regulating the connection between plasma membrane proteins and the cytoskeleton underneath the plasma membrane (PMID: 30082297). EPB41L5 is a mesenchymal-specific protein induced during EMT (epithelial-mesenchymal transition) that promotes the disruption of cell-cell adhesion kinetics (PMID: 34784520). EPB41L5 exists as four alternatively spliced isoforms encoded by a gene located on human chromosome 2q14.2.

Storage

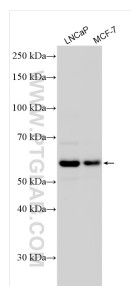
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29180-1-AP (EPB41L5 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.