

For Research Use Only

ANK1 Polyclonal antibody

Catalog Number: 23938-1-AP



Basic Information

Catalog Number: 23938-1-AP	GenBank Accession Number: BC030957	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 750 µg/ml by Nanodrop and 520 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 286	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: ankyrin 1, erythrocytic	
Isotype: IgG	Calculated MW: 155 aa, 18 kDa	
Immunogen Catalog Number: AG21041	Observed MW: 190-250 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells, mouse liver tissue
Species Specificity: human	

Background Information

Ankyrin-1 (ANK1) is also named as Ankyrin-R and Erythrocyte ankyrin. The stability and shape of the erythrocyte membrane is provided by the ankyrin-1 complex (PMID:18440852). ANK1 can attach integral membrane proteins to cytoskeletal elements. And it binds to the erythrocyte membrane protein band 4.2, to Na-K ATPase, to the lymphocyte membrane protein GP85, and to the cytoskeletal proteins fodrin, tubulin, vimentin and desmin. (PMID:12456646).

Storage

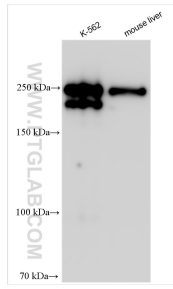
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23938-1-AP (ANK1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.