

For Research Use Only

VPS53 Polyclonal antibody

Catalog Number: 12824-1-AP **1 Publications**



Basic Information

Catalog Number: 12824-1-AP	GenBank Accession Number: BC029560	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55275	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: vacuolar protein sorting 53 homolog (S. cerevisiae)	
Isotype: IgG	Calculated MW: 832 aa, 94 kDa	
Immunogen Catalog Number: AG3518	Observed MW: 95-97 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls: WB : mouse liver tissue, human liver tissue, L02 cells IP : mouse liver tissue,
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human	

Background Information

VPS53 is a component of the Golgi-associated retrograde protein (GARP) complex, also called VFT (VPS fifty-three) complex, composed of VPS51, VPS52, VPS53 and VPS54. GARP complex functions in traffic from endosomes to the trans-Golgi network (PMID: 15878329). GARP proteins interact with RAB proteins and SNARE proteins.

Notable Publications

Author	Pubmed ID	Journal	Application
Pauline E Schneeberger	34037727	Brain	WB

Storage

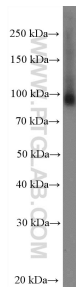
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

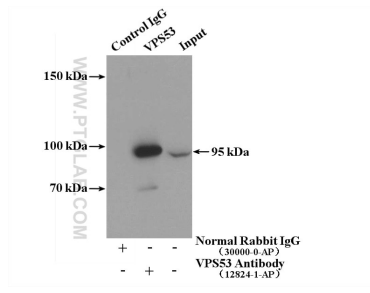
For technical support and original validation data for this product please contact:
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Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 12824-1-AP (VP53 Antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP Result of anti-VP53 (IP:12824-1-AP, 4ug; Detection:12824-1-AP 1:500) with mouse liver tissue lysate 4000ug.