

For Research Use Only

ABCG4 Polyclonal ANTIBODY



Catalog Number: 14269-1-AP **1 Publications**

Basic Information

Catalog Number: 14269-1-AP	GenBank Accession Number: BC041091	Purification Method: Antigen affinity purification
Size: 150UL, Concentration: 293 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 64137	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: ATP-binding cassette, sub-family G (WHITE), member 4	
Isotype: IgG	Calculated MW: 72 kDa	
Immunogen Catalog Number: AG5587	Observed MW: 60 kDa, 90-100 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB: U-937 cells, mouse brain tissue IHC: human liver cancer tissue,
Cited Applications: IHC, WB	
Species Specificity: human, mouse, rat	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Guang Yang	26270652	PLoS One	WB, IHC

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

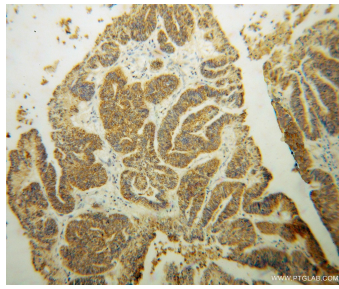
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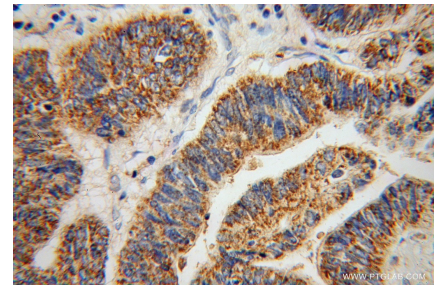
Selected Validation Data



U-937 cells were subjected to SDS PAGE followed by western blot with 14269-1-AP (ABCG4 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer using 14269-1-AP (ABCG4 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer using 14269-1-AP (ABCG4 antibody) at dilution of 1:50 (under 40x lens).