

For Research Use Only

# ABCG5 Polyclonal antibody

Catalog Number: 27722-1-AP

14 Publications



## Basic Information

<b>Catalog Number:</b> 27722-1-AP	<b>GenBank Accession Number:</b> NM_022436	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 850 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 64240	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> ATP-binding cassette, sub-family G (WHITE), member 5	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 72 kDa	
<b>Immunogen Catalog Number:</b> AG26844	<b>Observed MW:</b> 68 kDa-72 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : Caco-2 cells, HepG2 cells, mouse colon tissue, mouse liver tissue IHC : human liver tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> Human, Mouse, rat	
<b>Cited Species:</b> human, mouse, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yunying Huang	34579033	Nutrients	WB
Feng Zhao	34803510	Int J Biol Sci	WB
Yunxia Yang	31679333	J Agric Food Chem	WB

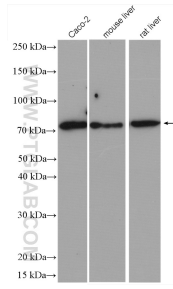
## Storage

**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

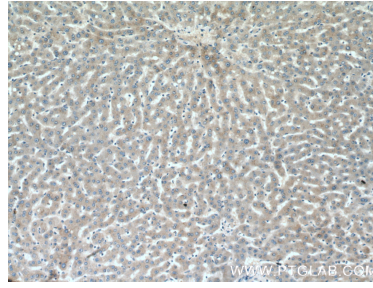
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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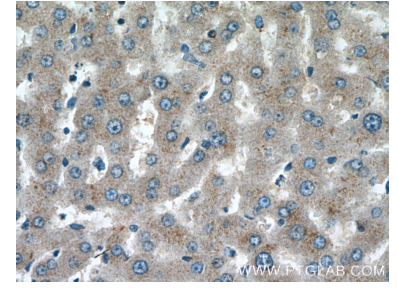
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27722-1-AP (ABCG5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 27722-1-AP (ABCG5 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 27722-1-AP (ABCG5 antibody) at dilution of 1:200 (under 40x lens).