

For Research Use Only

# ABCG5 Polyclonal antibody

Catalog Number: 27722-1-AP **27 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;	<b>GeneID (NCBI):</b> 64240	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H222	
<b>Isotype:</b> IgG	<b>Full Name:</b> ATP-binding cassette, sub-family G (WHITE), member 5	
<b>Immunogen Catalog Number:</b> AG26844	<b>Calculated MW:</b> 72 kDa	
	<b>Observed MW:</b> 68 kDa-72 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

Human, mouse, rat

### Cited Species:

human, rat, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : Caco-2 cells, HepG2 cells, mouse colon tissue, mouse liver tissue, rat liver tissue

IHC : human liver tissue,

## 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

\*\*\* 20ul sizes contain 0.1% BSA

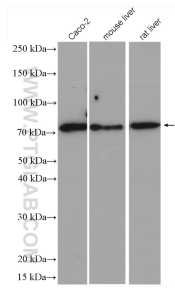
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

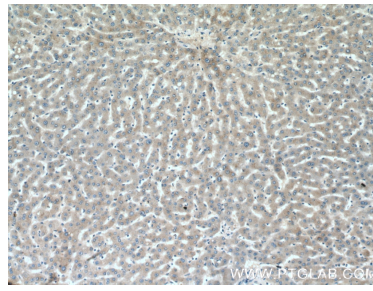
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

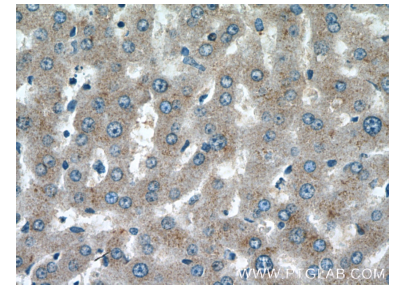
## Selected Validation Data



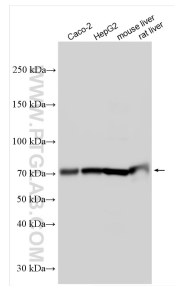
Various lysates were subjected to SDS PAGE followed by western blot with 27722-1-AP (ABCG5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).



Various lysates were subjected to SDS PAGE followed by western blot with 27722-1-AP (ABCG5 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.