

For Research Use Only

# ABCB9 Polyclonal antibody

Catalog Number: 11066-1-AP

1 Publications



## Basic Information

### Catalog Number:

11066-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1542

### GenBank Accession Number:

BC017348

### GeneID (NCBI):

23457

### UNIPROT ID:

Q9NP78

### Full Name:

ATP-binding cassette, sub-family B (MDR/TAP), member 9

### Calculated MW:

84 kDa

### Observed MW:

72 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse

### 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**

### Positive Controls:

WB : BGC-823 cells, HL-60 cells, human testis tissue, K-562 cells, mouse thymus tissue

IP : mouse thymus tissue,

IHC : mouse testis tissue,

IF/ICC : HepG2 cells,

## Notable Publications

| Author  | Pubmed ID | Journal  | Application |
|---------|-----------|----------|-------------|
| Jing Ma | 38698265  | Oncogene | 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

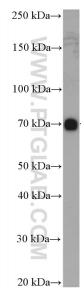
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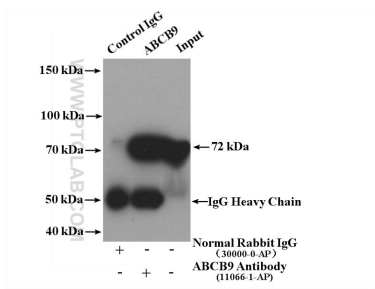
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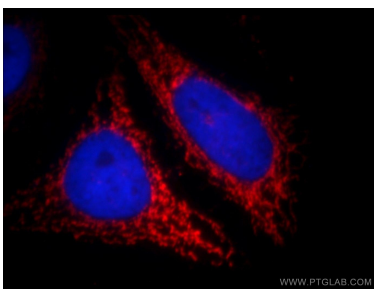
Selected Validation Data



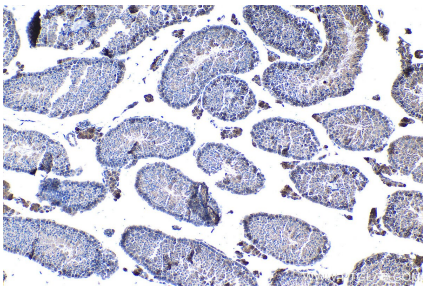
BGC-823 cells were subjected to SDS PAGE followed by western blot with 11066-1-AP (ABCB9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



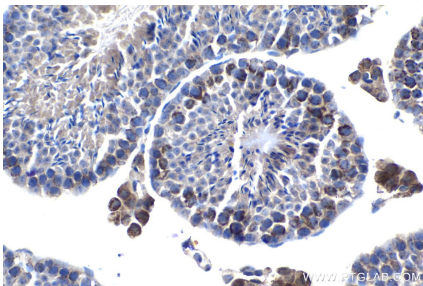
IP result of anti-ABCB9 (IP:11066-1-AP, 4ug; Detection:11066-1-AP 1:500) with mouse thymus tissue lysate 4000 ug.



Immunofluorescent analysis of HepG2 cells, using ABCB9 antibody 11066-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 11066-1-AP (ABCB9 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 11066-1-AP (ABCB9 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).