

For Research Use Only

# SAR1B Polyclonal antibody

Catalog Number: 22292-1-AP

Featured Product

7 Publications



## Basic Information

### Catalog Number:

22292-1-AP

### Size:

550 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_016103

### GeneID (NCBI):

51128

### UNIPROT ID:

Q9Y6B6

### Full Name:

SAR1 homolog B (S. cerevisiae)

### Calculated MW:

22 kDa

### Observed MW:

25-27 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat, bovine

**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** : mouse liver tissue, mouse brain tissue, mouse skeletal muscle tissue, mouse small intestine tissue

**IHC** : human liver tissue, human skeletal muscle tissue, human small intestine tissue

## Background Information

SAR1B, also named as SARA2, SARB and GTBPB, belongs to the small GTPase superfamily and SAR1 family. It is involved in transport from the endoplasmic reticulum to the Golgi apparatus. SAR1B is activated by the guanine nucleotide exchange factor PREB. It is involved in the selection of the protein cargo and the assembly of the COPII coat complex. The antibody is specific to SAR1B.

## Notable Publications

Author	Pubmed ID	Journal	Application
Mengyue You	36252341	Redox Biol	WB
Jie Chen	34290409	Nature	WB, IP
Inamul Kabir	26828064	J Biol 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:

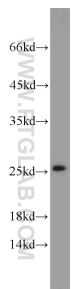
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

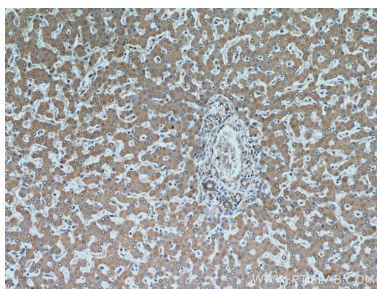
W: [ptgcn.com](http://ptgcn.com)

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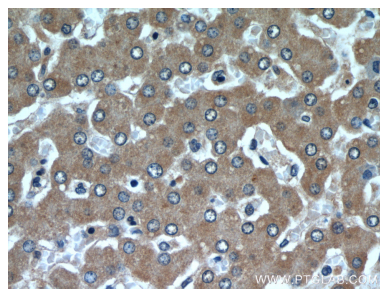
Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 22292-1-AP (SAR1B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver using 22292-1-AP (SAR1B antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver using 22292-1-AP (SAR1B antibody) at dilution of 1:50 (under 40x lens).