

For Research Use Only

# GAB2 Polyclonal antibody

Catalog Number: 22549-1-AP

Featured Product

5 Publications



## Basic Information

### Catalog Number:

22549-1-AP

### Size:

150ul, Concentration: 300 µg/ml by Nanodrop and 173 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG18192

### GenBank Accession Number:

BC131711

### GeneID (NCBI):

9846

### Full Name:

GRB2-associated binding protein 2

### Calculated MW:

676 aa, 74 kDa

### Observed MW:

74-90 kDa

### Purification Method:

Antigen Affinity purified

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF 1:50-1:500

## Applications

### Tested Applications:

IF, IHC, WB, ELISA

### Cited Applications:

IF, IHC, WB

### Species Specificity:

human, mouse

### Cited Species:

human, 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 : K-562 cells,

IHC : mouse spleen tissue,

IF : HepG2 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Lijun Mu	32901879	Oncol Rep	IHC
Jianxin Jiang	31737190	Am J Transl Res	WB
Xin Qian	33584322	Front Physiol	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

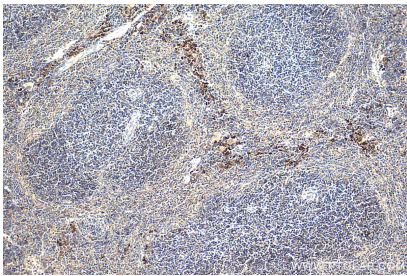
For technical support and original validation data for this product please contact:

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

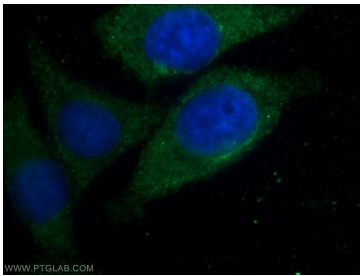
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

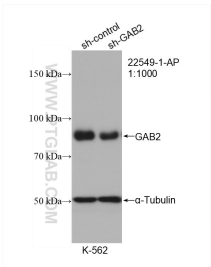
Selected Validation Data



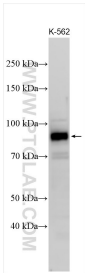
Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 22549-1-AP (GAB2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells using 22549-1-AP (GAB2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB result of GAB2 antibody (22549-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GAB2 transfected K-562 cells.



K-562 cells lysates were subjected to SDS PAGE followed by western blot with 22549-1-AP (GAB2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.