

For Research Use Only

# SH3BGRL Polyclonal antibody

Catalog Number: 11253-1-AP

1 Publications



## Basic Information

### Catalog Number:

11253-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 340 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1780

### GenBank Accession Number:

BC016709

### GeneID (NCBI):

6451

### UNIPROT ID:

O75368

### Full Name:

SH3 domain binding glutamic acid-rich protein like

### Calculated MW:

13 kDa

### Observed MW:

13 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse

### Cited Species:

human

### Positive Controls:

WB : mouse colon tissue, mouse uterus tissue

IHC : human intrahepatic cholangiocarcinoma tissue,

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

## Background Information

SH3BGRL, an adaptor protein, is one member of the SH3BGR family. SH3BGRL is ubiquitously expressed in varied human tissues and organs, including the bone marrow, heart, lung, liver, and kidney. SH3BGRL encodes a small protein with a conserved proline-rich PLPPQIF region and two motifs, Homer EVH1-binding and SH3-binding motifs. As a scaffold protein, SH3BGRL could participate in the protein-protein interaction for the integration or/and crosstalk of signal transduction, membrane trafficking, cytoskeletal rearrangements, and other key cellular processes.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yonghua Liu	39465506	Biomol Biomed	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

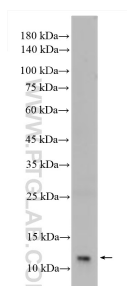
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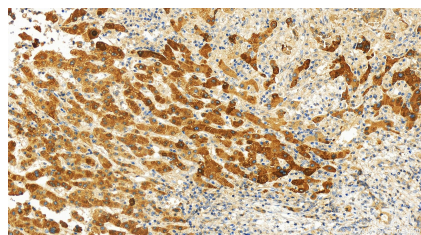
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## Selected Validation Data



mouse colon tissue were subjected to SDS PAGE followed by western blot with 11253-1-AP (SH3BGRL antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 11253-1-AP (SH3BGRL antibody) at dilution of 1:50 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).