

For Research Use Only

# BOLA1 Polyclonal antibody

Catalog Number: 18017-1-AP

2 Publications



## Basic Information

### Catalog Number:

18017-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 453 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG12565

### GenBank Accession Number:

BC063405

### GeneID (NCBI):

51027

### UNIPROT ID:

Q9Y3E2

### Full Name:

bolA homolog 1 (E. coli)

### Calculated MW:

137 aa, 14 kDa

### Observed MW:

14 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 1:20-1:200

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### 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 : HEK-293 cells, HepG2 cells

IP : HepG2 cells,

IHC : human lung tissue, human heart tissue, human kidney tissue, human spleen tissue

IF/ICC : HepG2 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Dong Wang	36017386	Biomed Res Int	WB
Sajan C Achi	38746404	bioRxiv	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

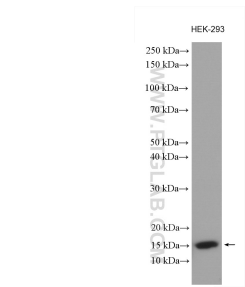
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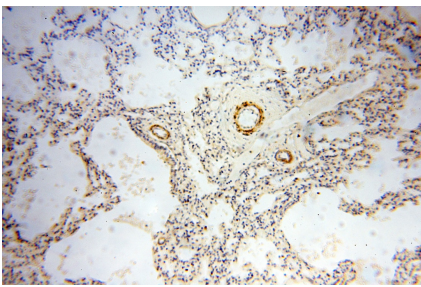
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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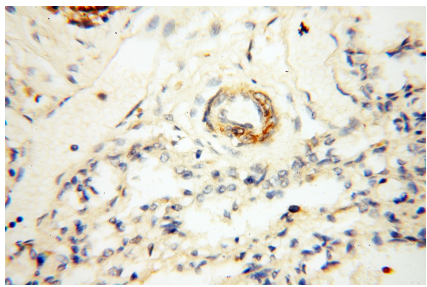
Selected Validation Data



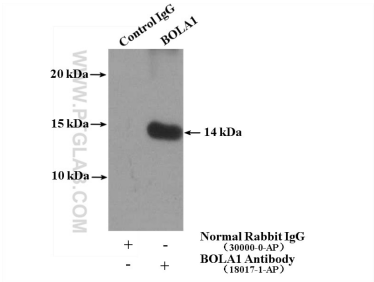
HEK-293 cells were subjected to SDS PAGE followed by western blot with 18017-1-AP (BOLA1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



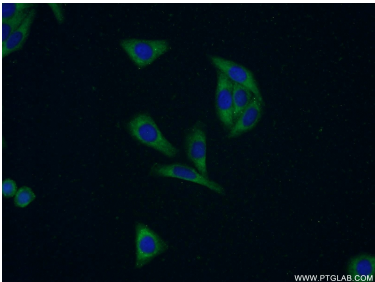
Immunohistochemical analysis of paraffin-embedded human lung using 18017-1-AP (BOLA1 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung using 18017-1-AP (BOLA1 antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-BOLA1 (IP:18017-1-AP, 4ug; Detection:18017-1-AP 1:800) with HepG2 cells lysate 3480ug.



Immunofluorescent analysis of HepG2 cells using 18017-1-AP (BOLA1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).