

For Research Use Only

# UBASH3B Polyclonal antibody

Catalog Number: 19563-1-AP

Featured Product

10 Publications



## Basic Information

### Catalog Number:

19563-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 167 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_032873

### GeneID (NCBI):

84959

### UNIPROT ID:

Q8TF42

### Full Name:

ubiquitin associated and SH3 domain containing, B

### Calculated MW:

73 kDa

### Observed MW:

66-70 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IP, ELISA

### Cited Applications:

WB, IHC, IF, CoIP

### 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, mouse lung tissue

IP : mouse kidney tissue,

IHC : human hepatocirrhosis tissue, human spleen tissue

## Background Information

UBASH3B, also named STS1 or TULA-2, is a protein that contains a ubiquitin-associated domain at the N-terminus, a SH3 domain, and a C-terminal domain with similarities to the catalytic motif of phosphoglycerate mutase. TULA-2 is supposed to form homodimer and interact with ubiquitin and mono-ubiquitinated proteins. TULA-2 functions to promote accumulation of activated target receptors, such as T-cell receptors and EGFR on the cell surface.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yao Yao	33556471	Biochimie	WB
Mei Suen Kong	30723173	Sci Signal	WB
Giulia Monticone	36090975	Front Immunol	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

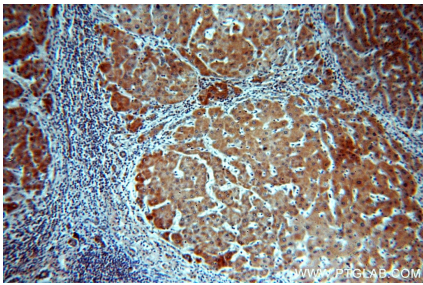
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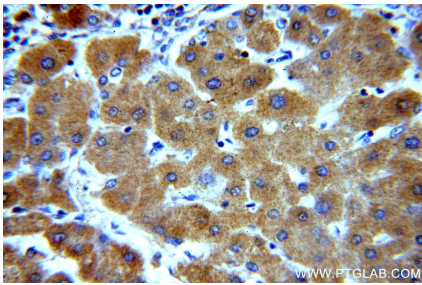
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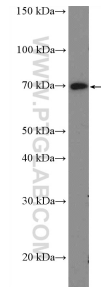
Selected Validation Data



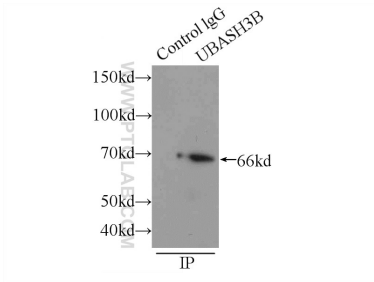
Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 19563-1-AP (UBASH3B/STS 1 antibody) at dilution of 1:100 (under 10x lens).



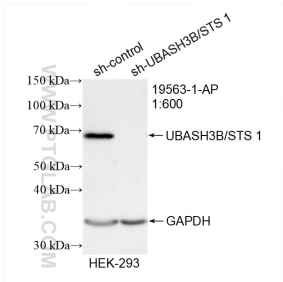
Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 19563-1-AP (UBASH3B/STS 1 antibody) at dilution of 1:100 (under 40x lens).



HEK-293 cells were subjected to SDS PAGE followed by western blot with 19563-1-AP (UBASH3B/STS 1 antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-UBASH3B/STS 1 (IP:19563-1-AP, 3ug; Detection:19563-1-AP 1:300) with mouse kidney tissue lysate 6000ug.



WB result of UBASH3B/STS 1 antibody (19563-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-UBASH3B/STS 1 transfected HEK-293 cells.