

For Research Use Only

UBASH3B/STS 1 Polyclonal antibody



Catalog Number: 19563-1-AP

Featured Product

8 Publications

Basic Information

Catalog Number:

19563-1-AP

Size:

150ul, Concentration: 500 µg/ml by Nanodrop and 267 µg/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, IP, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB: HEK-293 cells, mouse lung tissue

IP: mouse kidney tissue,

IHC: human hepatocirrhosis tissue, human spleen 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

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

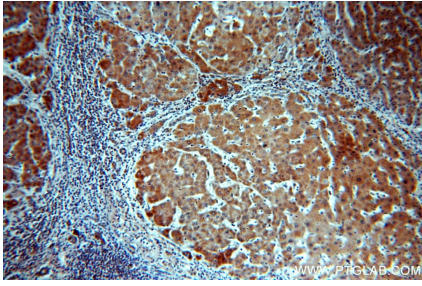
For technical support and original validation data for this product please contact:

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

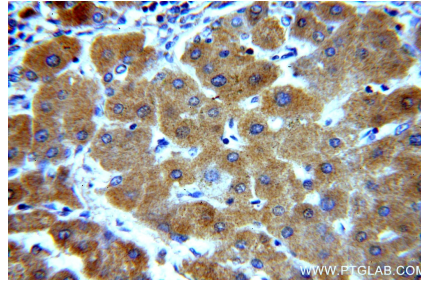
E: proteintech@ptglab.com
W: ptglab.com

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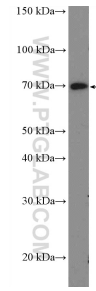
Selected Validation Data



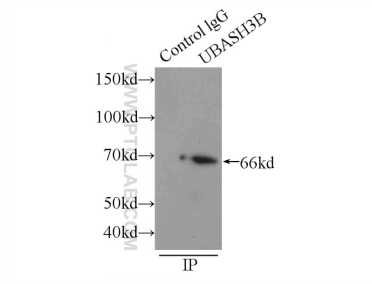
Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 19563-1-AP (UBASH3B/STS 1 antibody) at dilution of 1:100 (under 10x lens).



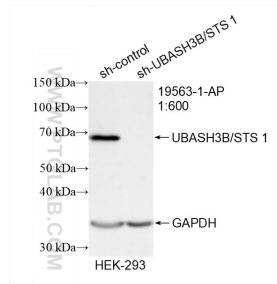
Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 19563-1-AP (UBASH3B/STS 1 antibody) at dilution of 1:100 (under 40x lens).



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.