

For Research Use Only

# UFC1 Polyclonal antibody

Catalog Number:15783-1-AP

Featured Product

5 Publications



## Basic Information

**Catalog Number:**

15783-1-AP

**Size:**

150ul , Concentration: 450 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG8480

**GenBank Accession Number:**

BC005187

**GeneID (NCBI):**

51506

**UNIPROT ID:**

Q9Y3C8

**Full Name:**

ubiquitin-fold modifier conjugating enzyme 1

**Calculated MW:**

167 aa, 19 kDa

**Observed MW:**

21 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, 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 : A549 cells, HepG2 cells, MCF-7 cells, mouse kidney tissue, rat kidney tissue

IHC : human liver tissue,

## Background Information

The function of UFC1 (ubiquitin fold modifier conjugating enzyme 1) has not been widely studied, and is yet to be fully elucidated. The MW of this protein is 21 kDa, and this antibody specially recognises the 21 kDa protein. Catalog#15783-1-AP specially recognises the 21 kDa protein.

## Notable Publications

Author	Pubmed ID	Journal	Application
James M Gavin	24966333	J Biol Chem	WB
Ran Zhuo	38636893	Cancer Lett	WB
Chuan He	38377992	Mol Cell	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

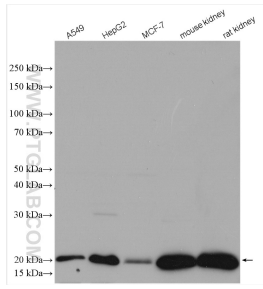
For technical support and original validation data for this product please contact:

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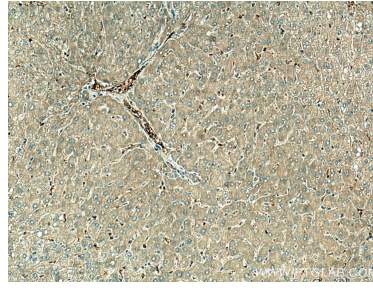
E: proteintech@ptglab.com  
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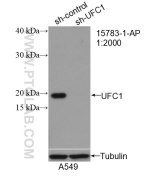
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15783-1-AP (UFC1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 15783-1-AP (UFC 1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of UFC1 antibody (15783-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-UFC1 transfected A549 cells.