

For Research Use Only

UFC1 Polyclonal antibody

Catalog Number: 15783-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 15783-1-AP	GenBank Accession Number: BC005187	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 450 µg/ml by Nanodrop;	GeneID (NCBI): 51506	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: ubiquitin-fold modifier conjugating enzyme 1	
Isotype: IgG	Calculated MW: 167 aa, 19 kDa	
Immunogen Catalog Number: AG8480	Observed MW: 21 kDa	

Applications

Tested Applications:
IHC, WB, 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
Hu Jiajia	37980507	BMC Cardiovasc Disord	WB
Stephanie Pei Tung Yiu	37311461	Mol Cell	

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

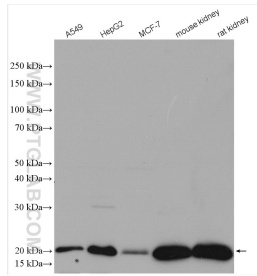
For technical support and original validation data for this product please contact:

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

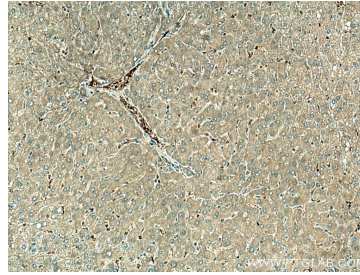
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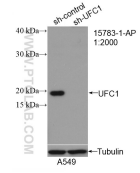
Selected Validation Data



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 (UFC1 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.