

For Research Use Only

# UBR2 Polyclonal antibody

Catalog Number: 18853-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 18853-1-AP	<b>GenBank Accession Number:</b> BC064512	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 23304	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200 IF 1:10-1:100
<b>Source:</b> Rabbit	<b>Full Name:</b> ubiquitin protein ligase E3 component n-recognin 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 439aa,50 kDa; 1755aa,201 kDa	
<b>Immunogen Catalog Number:</b> AG13446	<b>Observed MW:</b> 60-66 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> BxPC-3 cells, mouse cerebellum tissue, mouse heart tissue
<b>Species Specificity:</b> human, mouse	<b>IHC :</b> human pancreas tissue, human ovary tumor tissue
<b>Cited Species:</b> mouse	<b>IF :</b> HepG2 cells,

**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

UBR2(Ubiquitin-protein ligase E3-alpha-2) is also named as C6orf133, KIAA0349 and N-recognin-2. It is a component of the N-end rule pathway and recognizes and binds to proteins bearing specific N-terminal residues that are destabilizing according to the N-end rule, leading to their ubiquitination and subsequent degradation. It has four isoforms produced by alternative splicing.

## Notable Publications

Author	Pubmed ID	Journal	Application
Che-Yuan Hu	36471329	J Biomed Sci	WB

## Storage

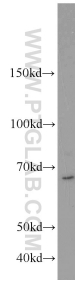
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

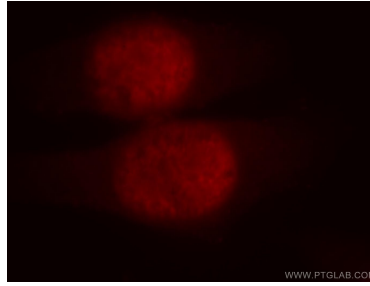
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

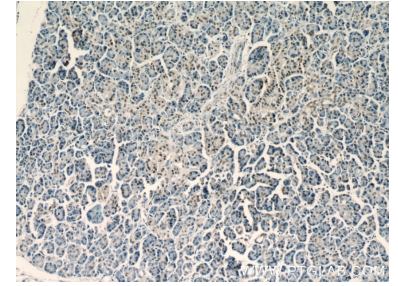
## Selected Validation Data



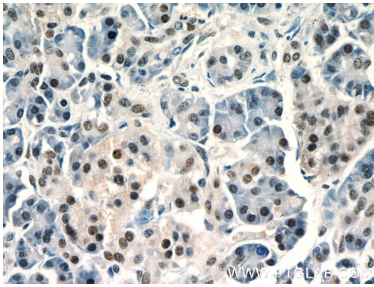
BxPC-3 cells were subjected to SDS PAGE followed by western blot with 18853-1-AP (UBR2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using UBR2 antibody 18853-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 18853-1-AP (UBR2 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 18853-1-AP (UBR2 Antibody) at dilution of 1:50 (under 40x lens).