

For Research Use Only

# UBR7 Polyclonal antibody

Catalog Number: 16903-1-AP



## Basic Information

<b>Catalog Number:</b> 16903-1-AP	<b>GenBank Accession Number:</b> BC015046	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 55148	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IF/ICC 1:400-1:1600
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8N806	
<b>Isotype:</b> IgG	<b>Full Name:</b> ubiquitin protein ligase E3 component n-recognin 7 (putative)	
<b>Immunogen Catalog Number:</b> AG10445	<b>Calculated MW:</b> 48 kDa	
	<b>Observed MW:</b> 48-60 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> HeLa cells, HepG2 cells <b>IF/ICC :</b> HeLa cells,

## Background Information

UBR7 (C14orf130), is a 425-amino-acid putative E3 ubiquitin-protein ligase which is a component of the N-end rule pathway. The N-end rule pathway is a ubiquitin-dependent system where E3 ligases called N-recognins, including UBR1, UBR2 and UBR7 (N-recognin-7), leading to target protein ubiquitination and subsequent degradation (PMID: 19008229). UBR7 contains a PHD-type zinc finger and a UBR-type zinc finger domain (PMID: 14702039), and probably undergoes acetylation (PMID: 19413330). Till date its precise function is not well known. Proteintech's UBR7 antibody 16903-1-AP is able to detect UBR7 with a theoretical MW of 48 kDa.

## Storage

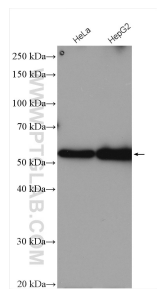
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

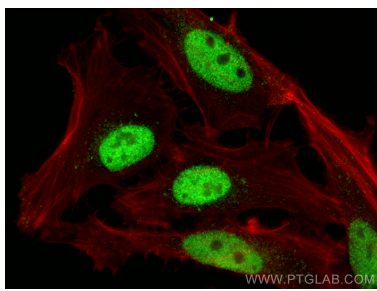
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected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



Various lysates were subjected to SDS PAGE followed by western blot with 16903-1-AP (UBR7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using UBR7 antibody (16903-1-AP) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).