

For Research Use Only

# UBN1-Specific Polyclonal antibody

Catalog Number: 20363-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 20363-1-AP	<b>GenBank Accession Number:</b> NM_016936	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 29855	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> ubinnuclein 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 121 kDa	
	<b>Observed MW:</b> 120-140 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : mouse liver tissue, MCF-7 cells IHC : human cervical cancer tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

UBN1, also named as Protein VT4, belongs to the ubinnuclein family. UBN1 acts as a novel regulator of senescence. It is involved in the formation of senescence-associated heterochromatin foci (SAHF), which represses expression of proliferation-promoting genes. UBN1 binds to proliferation-promoting genes. It may be required for replication-independent chromatin assembly. The antibody is specific to UBN1.

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhexin Zhu	27939217	Cell Stem Cell	WB

## Storage

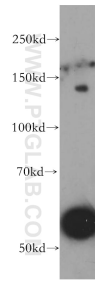
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

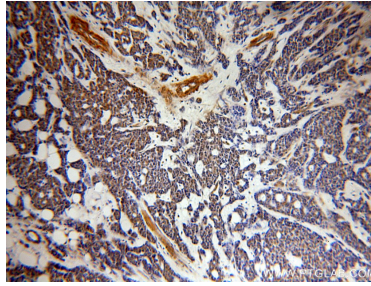
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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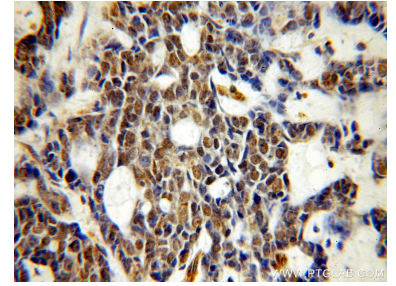
## Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 20363-1-AP (UBN1-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 20363-1-AP (UBN1-Specific antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 20363-1-AP (UBN1-Specific antibody) at dilution of 1:50 (under 40x lens).