

For Research Use Only

UBN1-Specific Polyclonal antibody

Catalog Number: 20363-1-AP

1 Publications



Basic Information

Catalog Number:

20363-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 287 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_016936

GeneID (NCBI):

29855

UNIPROT ID:

Q9NPG3

Full Name:

ubiquitin 1

Calculated MW:

121 kDa

Observed MW:

120-140 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

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 : mouse liver tissue, MCF-7 cells

IHC : human cervical cancer tissue,

Background Information

UBN1, also named as Protein VT4, belongs to the ubiquitin 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

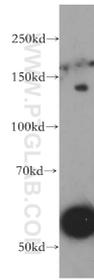
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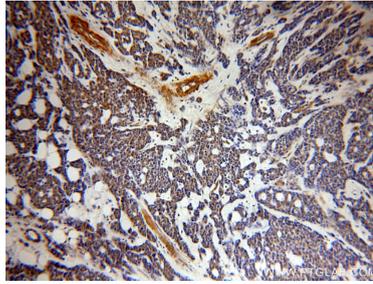
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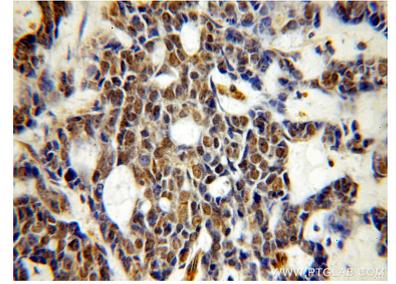
Selected Validation Data



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).