

For Research Use Only

# TP53I13 Polyclonal antibody

Catalog Number: 16596-1-AP



## Basic Information

<b>Catalog Number:</b> 16596-1-AP	<b>GenBank Accession Number:</b> BC001593	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 160 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 90313	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> tumor protein p53 inducible protein 13	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 393 aa, 42 kDa	
<b>Immunogen Catalog Number:</b> AG9746	<b>Observed MW:</b> 55 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

human, mouse, rat

**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, rat liver tissue

IHC : human heart tissue,

## Background Information

TP53I13 is involved in several processes, including negative regulation of cell cycle, response to UV, and response to xenobiotic stimulus. It may act as a tumor suppressor which could inhibit tumor cell growth, when overexpressed.

## 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:

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

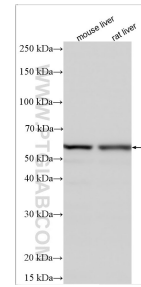
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 16596-1-AP (TP53113 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 16596-1-AP (TP53113 Antibody) at dilution of 1:50 (under 40x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 16596-1-AP (TP53113 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.