

For Research Use Only

TP53I13 Polyclonal antibody

Catalog Number: 16596-1-AP



Basic Information

Catalog Number:

16596-1-AP

Size:

150ul, Concentration: 160 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9746

GenBank Accession Number:

BC001593

GeneID (NCBI):

90313

UNIPROT ID:

Q8NBR0

Full Name:

tumor protein p53 inducible protein 13

Calculated MW:

393 aa, 42 kDa

Observed MW:

55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse liver tissue, rat liver tissue

IHC : human heart tissue,

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

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.

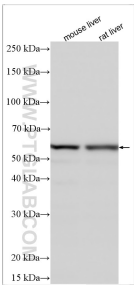
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 16596-1-AP (TP53l13 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 16596-1-AP (TP53l13 Antibody) at dilution of 1:50 (under 40x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 16596-1-AP (TP53l13 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.