

# TP53I13 Polyclonal antibody

Catalog Number: 16596-1-AP

## Basic Information

**Catalog Number:**

16596-1-AP

**Size:**

160 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG9746

**GenBank Accession Number:**

BC001593

**GeneID (NCBI):**

90313

**UNIPROT ID:**

Q8NBRO

**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:**

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

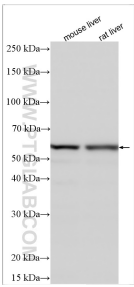
Selected Validation Data



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.