

# Acetyl-p53-K382 Rabbit Monoclonal Antibody



CAB16324

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

53kDa

### Calculated MW:

44kDa

### Applications:

WB

### Reactivity:

Human, Mouse

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in this gene are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons from identical transcript variants (PMIDs: 12032546, 20937277).

## Immunogen information

### Gene ID:

7157

### Uniprot

P04637

### Synonyms:

BCC7; LFS1; P53; TRP53; p53; TP53; BMFS5

### Immunogen:

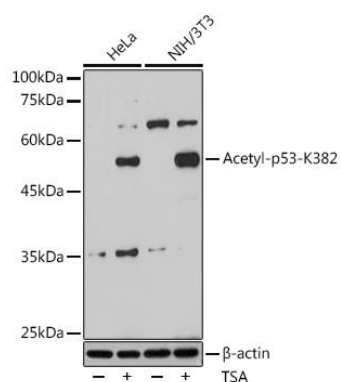
A synthetic acetylated peptide around K382 of human p53 (NP\_000537.3).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using Acetyl-p53-K382 antibody (CAB16324) at 1:1000 dilution. HeLa cells and NIH/3T3 cells were treated by TSA (1  $\mu$ M) at 37°C for 18 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (CABM00020). Exposure time: 180s.