

# Phospho-p53-S9 Rabbit pAb

Catalog No.: AP0085

## Basic Information

### Observed MW

55kDa

### Calculated MW

44kDa

### Category

Primary antibody

### Applications

ELISA,WB,IP

### Cross-Reactivity

Human

## 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).

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

## Immunogen Information

### Gene ID

7157

### Swiss Prot

P04637

### Immunogen

A synthetic phosphorylated peptide around S9 of human p53 (NP\_000537.3).

### Synonyms

P53; BCC7; LFS1; BMFS5; TRP53; Phospho-p53-S9

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

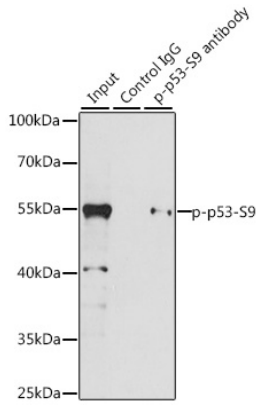
Affinity purification

### Storage

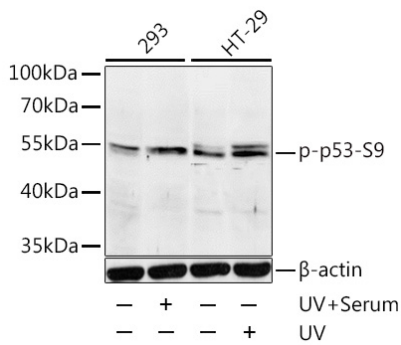
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data



Immunoprecipitation analysis of 200 µg extracts of 293T cells, using 3 µg Phospho-p53-S9 pAb (AP0085). Western blot was performed from the immunoprecipitate using Phospho-p53-S9 pAb (AP0085) at a dilution of 1:1000. 293T cells were treated by UV at room temperature for 30 minutes after serum-starvation overnight, and then treated by 10% FBS at 37°C for 30 minutes.



Western blot analysis of lysates from 293 and HT-29 cells, using Phospho-p53-S9 Rabbit pAb (AP0085) at 1:1000 dilution. 293 cells were treated by UV for 15-30 minutes. HT-29 cells were treated by UV for 15-30 minutes.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% BSA.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3min.