

Phospho-p53-S46 Rabbit Polyclonal Antibody



CABP0476

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

44kDa

Calculated MW:

23-43kDa

Applications:

WB IP

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:1000 - 1:2000 IP 1:50
- 1:100

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

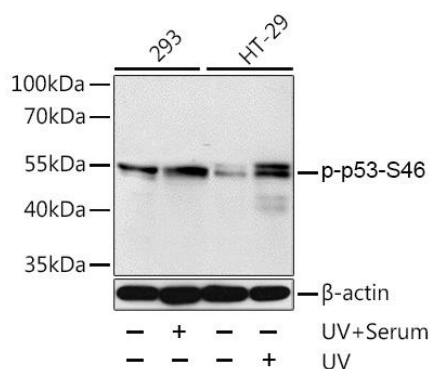
Immunogen:

A synthetic phosphorylated peptide around S46 of human p53 (NP_000537.3).

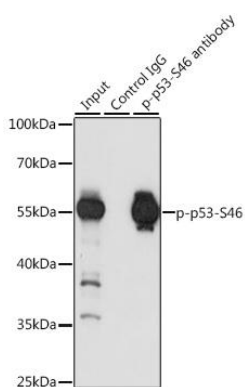
Storage:

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

Product Images



Western blot analysis of extracts of 293 and HT-29 cells, using Phospho-p53-S46 antibody (CABP0476) 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) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (CABM00020). Exposure time: 1min.



Immunoprecipitation analysis of 200ug extracts of 293T cells, using 3 ug Phospho-p53-S46 pAb (CABP0476). Western blot was performed from the immunoprecipitate using Phospho-p53-S46 pAb (CABP0476) 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.