

p53 Rabbit Polyclonal Antibody



CAB0263

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

53KDa

Calculated MW:

23-43kDa

Applications:

WB IHC IF IP ChIP

Reactivity:

Human, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200 ChIP
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

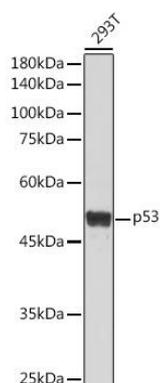
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-110 of human p53 (NP_000537.3).

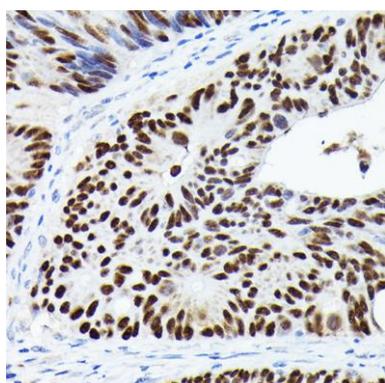
Storage:

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

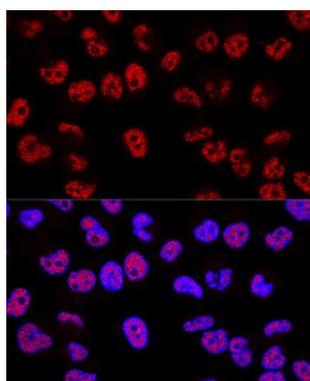
Product Images



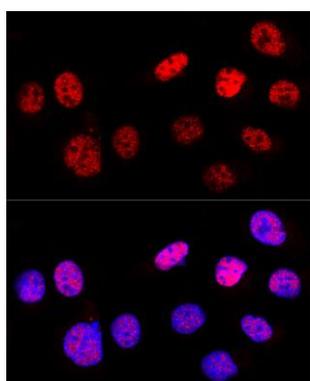
Western blot analysis of extracts of 293T cells, using p53 Rabbit pAb (CAB0263) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded human colon carcinoma using p53 Rabbit pAb (CAB0263) at dilution of 1:150 (40x lens).



Confocal immunofluorescence analysis of HeLa cells using p53 Polyclonal Antibody (CAB0263) at dilution of 1:200. Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of U-2 OS cells using p53 Polyclonal Antibody (CAB0263) at dilution of 1:200. Blue: DAPI for nuclear staining.