

p53 Rabbit Polyclonal Antibody



CAB5804

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

55kDa

Calculated MW:

43kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

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:

22059

Uniprot

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:10 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Synonyms:

TP53; BCC7; LFS1; P53; TRP53; Trp53; bbl; bfy; bhy; p44; p53; Tp53

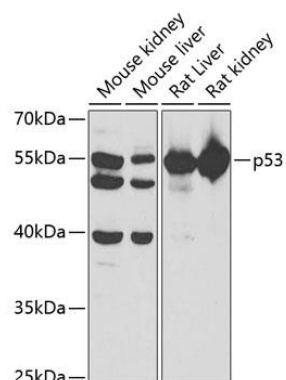
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 95-390 of mouse p53 (NP_035770.2).

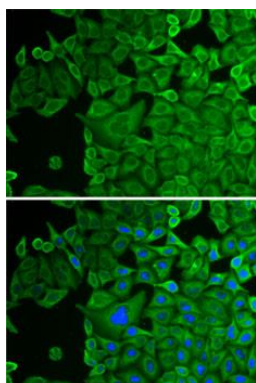
Storage:

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 various cell lines, using p53 antibody (CAB5804) 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: 60s.



Immunofluorescence analysis of HeLa cells using p53 antibody (CAB5804). Blue: DAPI for nuclear staining.