

[KO Validated] p53 Rabbit Polyclonal Antibody



CAB5761

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

53kDa

Calculated MW:

43kDa

Applications:

WB IHC IP ChIP

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:3000 - 1:6000 IHC
1:50 - 1:200 IP 1:20 - 1:50
ChIP 1:20 - 1:50

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:

22059

Uniprot

P02340

Synonyms:

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

Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 1-100 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

