

TP53

Reactivity:Human

Tested applications:WB ICC IF

Recommended Dilution:WB 1:500 - 1:2000 ICC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW:44/53 kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human TP53

Storage Buffer:

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

Synonym:

P53; BCC7; LFS1; TRP53;

Catalog #:A11212

Antibody Type:

Monoclonal Antibody

Species:Rabbit

Gene ID:7157

Isotype:IgG

Swiss Prot:P04637

Purity:Affinity purification

For research use only.

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 (PMIDs: 12032546, 20937277).

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