

Phospho-p53-S15 Rabbit pAb

Catalog No.: AP0083

14 Publications

Basic Information

Observed MW

53kDa

Calculated MW

44kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

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).

Recommended Dilutions

WB 1:100 - 1:500**IF/ICC** 1:50 - 1:200

Immunogen Information

Gene ID

7157

Swiss Prot

P04637

Immunogen

A synthetic phosphorylated peptide around S15 of human p53 (NP_000537.3).

Synonyms

P53; BCC7; LFS1; BMFS5; TRP53; Phospho-p53-S15

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

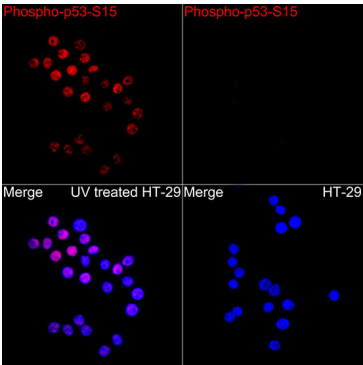
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Immunofluorescence analysis of HT-29 treated with UV and HT-29 cells using Phospho-p53-S15 Rabbit pAb (AP0083) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.