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Phospho-p53-S6 Rabbit pAb

Catalog No.: AP0951 **1 Publications**

Basic Information

Observed MW
55kDa

Calculated MW
44kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human

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	1:500 - 1:2000

Immunogen Information

Gene ID
7157

Swiss Prot
P04637

Immunogen
A synthetic phosphorylated peptide around S6 of human p53 (NP_000537.3).

Synonyms
P53; BCC7; LFS1; BMFS5; TRP53; Phospho-p53-S6

Contact

400-999-6126

cn.market@abclonal.com.cn

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Product Information

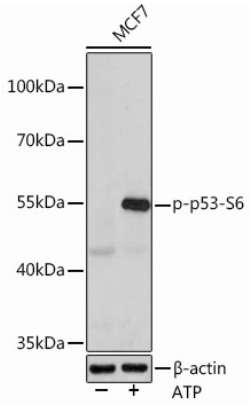
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from MCF7 cells, using Phospho-p53-S6 Rabbit pAb (AP0951) at 1:1000 dilution. MCF7 cells were treated by ATP(5 mM) at 30℃ for 1 hour.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.