Leader in Biomolecular Solutions for Life Science

www.abclonal.com

Phospho-p53-S9 Rabbit mAb

Catalog No.: AP0985 Recombinant 1 Publications

Basic Information

Observed MW
53kDa

Calculated MW
44kDa

Category
Primary antibody

Applications
WB,ELISA

Cross-Reactivity
Mouse

CloneNo number
ARC1529

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
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
7157

Swiss Prot
P04637

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
P53; BCC7; LFS1; BMFS5; TRP53; Phospho-p53-S9

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

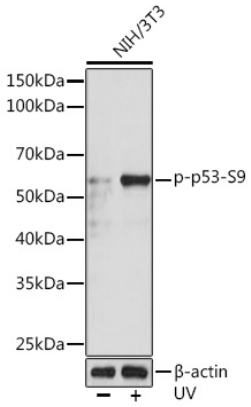
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-p53-S9 Rabbit mAb (AP0985) at 1:1000 dilution. NIH/3T3 cells were treated with UV at room temperature for 15-30 minutes.
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 Enhanced Kit (RM00021).
Exposure time: 3min.