A5761

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# p53 Rabbit pAb

**Catalog No.: A5761** 25 Publications

## Basic Information

**Observed MW**
53kDa/

**Calculated MW**
44kDa

**Category**
Polyclonal Antibody

**Applications**
WB,IP,ELISA

**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** | 1:3000 - 1:6000 |
| **IP** | 0.5μg-4μg antibody for 200μg-400μg extracts of whole cells |
| **ELISA** | Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. |

## Contact

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## 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; p53

## Product Information

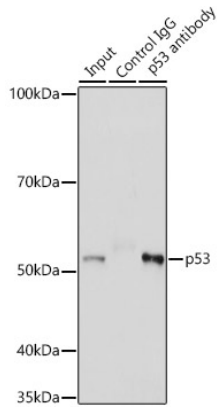
**Source**
Rabbit

**Isotype**
IgG

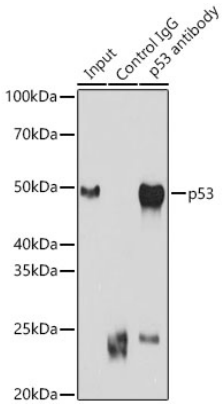
**Purification**
Affinity purification

**Storage**
Store at -20℃

## Validation Data




Immunoprecipitation analysis of 200 µg extracts of U-251MG cells using 3 µg p53 antibody (A5761). Western blot was performed from the immunoprecipitate using p53 antibody (A5761) at a dilution of 1:1000.




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