



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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# (KO Validated) p53 Polyclonal Antibody

Catalog Number: E-AB-93317



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

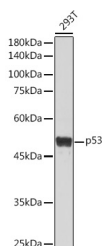
## Description

|                     |  |
|---------------------|--|
| <b>Reactivity</b>   | Human  |
| <b>Immunogen</b>    | Recombinant fusion protein of human p53          |
| <b>Host</b>         | Rabbit   |
| <b>Isotype</b>      | IgG  |
| <b>Purification</b> | Affinity purification                            |
| <b>Conjugation</b>  | Unconjugated                                     |
| <b>Formulation</b>  | PBS with 0.01% thiomersal, 50% glycerol, pH 7.3. |

## Applications Recommended Dilution

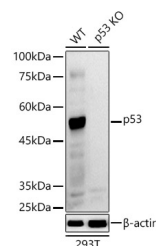
|            |              |
|------------|--------------|
| <b>WB</b>  | 1:500-1:2000 |
| <b>IHC</b> | 1:50-1:200   |
| <b>IF</b>  | 1:50-1:200   |
| <b>IP</b>  | 1:50-1:200   |

## Data

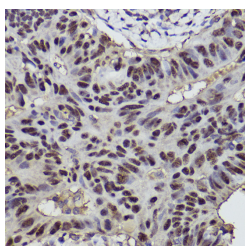


Western blot analysis of extracts of 293T cells using p53 Polyclonal Antibody at 1:1000 dilution.

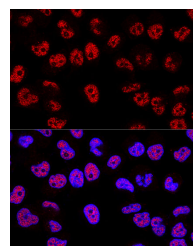
**Observed Mw: 53kDa**  
**Calculated Mw: 23-43kDa**



Western blot analysis of extracts from wild type (WT) and p53 knockout (KO) 293T cells using p53 Polyclonal Antibody at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded human colon carcinoma using [KO Validated] p53 Polyclonal Antibody at dilution of 1:300 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Confocal immunofluorescence analysis of HeLa cells using p53 Polyclonal Antibody at dilution of 1:200. Blue: DAPI for nuclear staining.

## For Research Use Only

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Toll-free: 1-888-852-8623

Tel: 1-832-243-6086

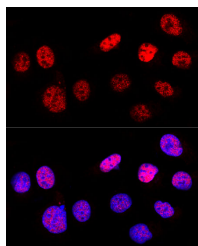
Fax: 1-832-243-6017

Web: [www.elabscience.com](http://www.elabscience.com)

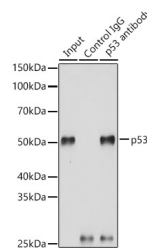
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

# (KO Validated) p53 Polyclonal Antibody

Catalog Number: E-AB-93317



Confocal immunofluorescence analysis of U2OS cells using p53 Polyclonal Antibody at dilution of 1:200. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200ug extracts of 293T cells using 3ug p53 Polyclonal Antibody. Western blot was performed from the immunoprecipitate using

## Preparation & Storage

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

## 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).

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