

(KO Validated) p53 Polyclonal Antibody

Catalog Number:E-AB-93317



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

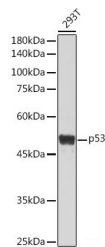
Description

Reactivity	Human
Immunogen	Recombinant fusion protein of human p53
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.01% thiomersal,50% glycerol,pH7.3.

Applications Recommended Dilution

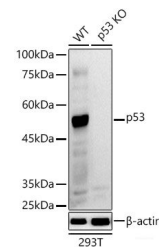
WB	1:500-1:2000
IHC	1:50-1:200
IF	1:50-1:200
IP	1:50-1:200

Data

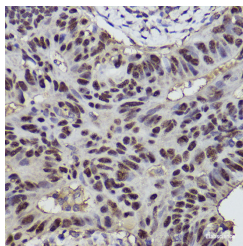


Western blot analysis of extracts of 293T cells using p53 Polyclonal Antibody at 1:1000 dilution.

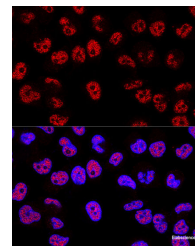
Observed Mw:53KDa
Calculated Mw:23-43kDa



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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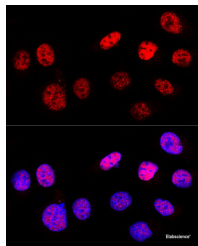
Tel: 1-832-243-6086

Email: techsupport@elabscience.com

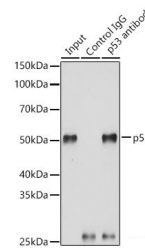
Fax: 1-832-243-6017

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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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