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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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TP53 (Human) IP-WB Antibody Pair

Catalog # : H00007157-PW2

規格 : [1 Set]

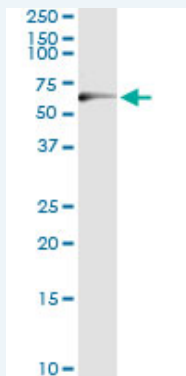
[List All](#)

Specification

Product Description: This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

Reactivity: Human

Quality Control Testing: Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of TP53 transfected lysate using mouse monoclonal anti-TP53 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-TP53.

Supplied Product: Antibody pair set content:
1. Antibody pair for IP: mouse monoclonal anti-TP53 (300 ug)
2. Antibody pair for WB: rabbit polyclonal anti-TP53 (50 ul)

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS:  [Download](#)

Applications

Immunoprecipitation-Western Blot

 [Protocol Download](#)

Gene Information

Entrez GeneID: [7157](#)

Gene Name: TP53

Gene Alias: FLJ92943,LFS1,TRP53,p53

Gene Description: tumor protein p53

Omim ID: [114480](#), [114500](#), [114550](#), [151623](#), [161550](#), [191170](#), [202300](#), [260350](#)

Gene Ontology: [Hyperlink](#)

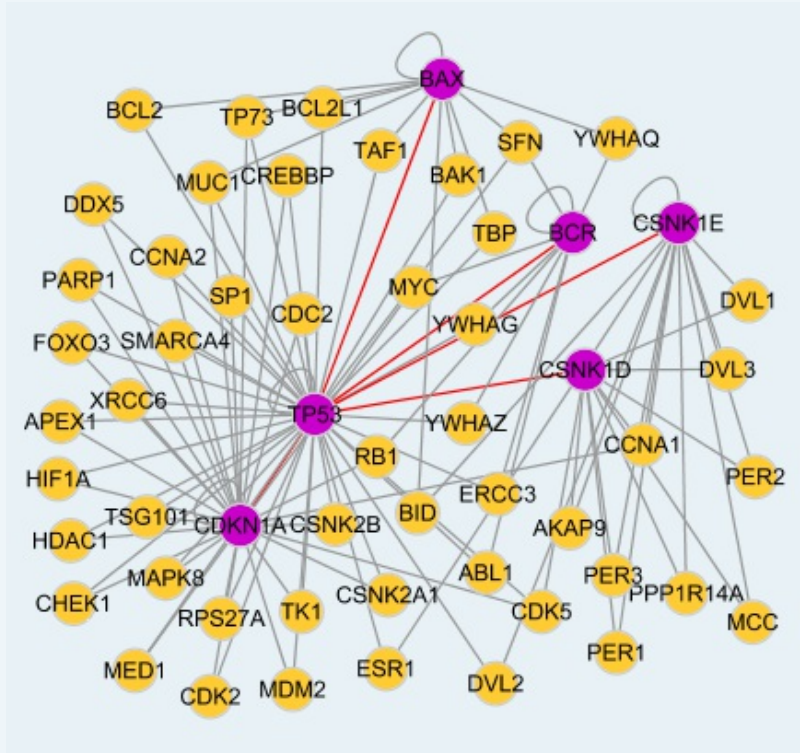
Application Image

Immunoprecipitation-Western Blot

Gene Summary: This gene encodes tumor protein p53, which responds to diverse cellular stresses to regulate target genes that induce cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. p53 protein is expressed at low level in normal cells and at a high level in a variety of transformed cell lines, where it's believed to contribute to transformation and malignancy. p53 is a DNA-binding protein containing transcription activation, DNA-binding, and oligomerization domains. It is postulated to bind to a p53-binding site and activate expression of downstream genes that inhibit growth and/or invasion, and thus function as a tumor suppressor. Mutants of p53 that frequently occur in a number of different human cancers fail to bind the consensus DNA binding site, and hence cause the loss of tumor suppressor activity. Alterations of this gene occur not only as somatic mutations in human malignancies, but also as germline mutations in some cancer-prone families with Li-Fraumeni syndrome. Multiple p53 variants due to alternative promoters and multiple alternative splicing have been found. These variants encode distinct isoforms, which can regulate p53 transcriptional activity. [provided by RefSeq]

Other Designations: p53 antigen, p53 transformation suppressor, p53 tumor suppressor, phosphoprotein p53, transformation-related protein 53

Interactome



Gene Pathway

[Amyotrophic lateral sclerosis \(ALS\)](#) [Apoptosis](#) [Basal cell carcinoma](#) [Bladder cancer](#) [Cell cycle](#) [Chronic myeloid leukemia](#) [Colorectal cancer](#) [Endometrial cancer](#) [Glioma](#) [Huntington's disease](#) [MAPK signaling pathway](#) [Melanoma](#) [Neurotrophin signaling pathway](#) [Non-small cell lung cancer](#) [p53 signaling pathway](#) [Pancreatic cancer](#) [Pathways in cancer](#) [Prostate cancer](#) [Small cell lung cancer](#) [Thyroid cancer](#) [Wnt signaling pathway](#)

Related Disease

[Abortion, Habitual](#) [Abortion, Spontaneous](#) [Acquired Hyperostosis Syndrome](#) [Acute Disease](#) [Adenocarcinoma](#) [Adenocarcinoma, Clear Cell](#) [Adenocarcinoma, Follicular](#) [Adenocarcinoma, Mucinous](#) [Adenoma](#) [Adenoma, Liver Cell](#) [Adenomatous Polyposis Coli](#) [Adrenal Cortex Neoplasms](#) [Albuminuria](#) [Alcoholism](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Ameloblastoma](#) [Aneuploidy](#) [Anoxia](#)

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