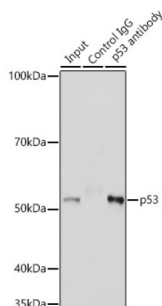
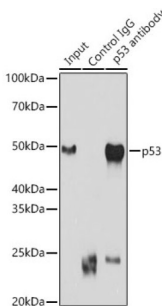


## Cellular Tumor Antigen P53 (TP53) Antibody

Catalogue No.: abx004409



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



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

TP53 Antibody is a Rabbit Polyclonal antibody against TP53. 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. Mice deficient for this gene are developmentally normal but are susceptible to spontaneous tumors. Evidence to date shows that this gene contains one promoter, in contrast to alternative promoters of the human gene, and transcribes a few of splice variants which encode different isoforms, although the biological validity or the full-length nature of some variants has not been determined.

**Target:** Cellular Tumor Antigen P53 (TP53)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB, IP

**Host:** Rabbit

**Recommended dilutions:** ELISA: 1 µg/ml, WB: 1/3000 - 1/6000, IP: 0.5 µg - 4 µg antibody per 200 µg - 400 µg extracts of whole cells. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 218-390 of human p53.

# Datasheet

Version: 3.0.0  
Revision date: 12 Jun 2025



Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P02340 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
Gene Symbol:	TP53
GeneID:	<a href="#">22059</a>
NCBI Accession:	NP_035770.2
KEGG:	mmu:22059
String:	<a href="#">10090.ENSMUSP00000104298</a>
Molecular Weight:	Calculated MW: 44 kDa Observed MW: 53 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.