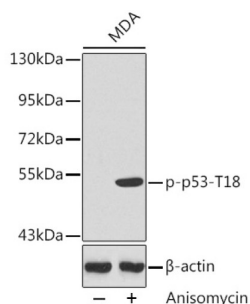


Cellular Tumor Antigen p53 Phospho-Thr18 (TP53 pT18) Antibody

Catalogue No.: abx000511



Western blot analysis of lysates from MDA cells, using Phospho-p53-T18 Antibody. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% BSA.

TP53 (pT18) Antibody is a Rabbit Polyclonal antibody against TP53 (pT18). 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 (PMIDs: 12032546, 20937277).

Target:	Cellular Tumor Antigen P53 Phospho-Thr18 (TP53 pT18)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic phosphorylated peptide around T18 of human p53.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 5.0.0

Revision date: 25 Aug 2025



UniProt Primary AC: P04637 ([UniProt](#), [ExPASy](#))

Gene Symbol: TP53

GeneID: [7157](#)

OMIM: [133239](#)

NCBI Accession: NP_000537.3

HGNC: 11998

KEGG: hsa:7157

Ensembl: ENSG00000141510

String: [9606.ENSP00000269305](#)

Molecular Weight: Calculated MW: 44 kDa

Observed MW: 54 kDa

Buffer: PBS, pH 7.3, containing 0.01% thimerosal, 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.