

Datasheet for ABIN521045
anti-p53 antibody (AA 1-393)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	p53 (TP53)
Binding Specificity:	AA 1-393
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This p53 antibody is un-conjugated
Application:	Western Blotting (WB), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human TP53 protein.
Immunogen:	TP53 (NP_000537.2, 1 a.a. ~ 393 a.a) full-length human protein.
Sequence:	MEEPQSDPSV EPPLSQETFS DLWKLLPENN VLSPLPSQAM DDLMLSPDDI EQWFTEDPGP DEAPRMPEAA PRVAPAPAAP TPAAPAPAPS WPLSSSVPSQ KTYQGSYGFR LGFLHSGTAK SVTCTYSPAL NKMFCQLAKT CPVQLWVDST PPPGTRVRAM AIYKQSQHMT EVVRRCPHHE RCSDSDGLAP PQHLIRVEGN LRVEYLDDRN TFRHSVVVPY EPPEVGSDDCT TIHYNMCMNS SCMGGMNRRP ILTIITLED SGNLLGRNSF EVRVCACPGR DRRTEENLNR KKGEPHHELP PGSTKRALPN NTSSSPQPKK KPLDGEYFTL QIRGRERFEM FRELNEALEL KDAQAGKEPG GSRAHSSHLK SKKGQSTSRH KKLMFKTEGP DSD
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	p53 (TP53)
Alternative Name:	TP53 (TP53 Products)
Background:	Full Gene Name: tumor protein p53 Synonyms: FLJ92943,LFS1,TRP53,p53
Gene ID:	7157
NCBI Accession:	NM_000546
Pathways:	p53 Signaling, MAPK Signaling, PI3K-Akt Signaling, Apoptosis, AMPK Signaling, Chromatin Binding, ER-Nucleus Signaling, Positive Regulation of Endopeptidase Activity, Hepatitis C, Protein targeting to Nucleus, Autophagy, Warburg Effect

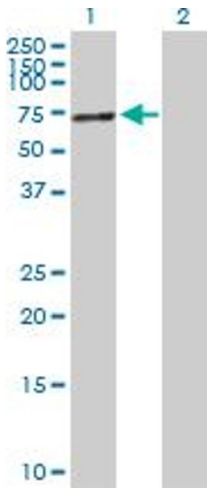
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

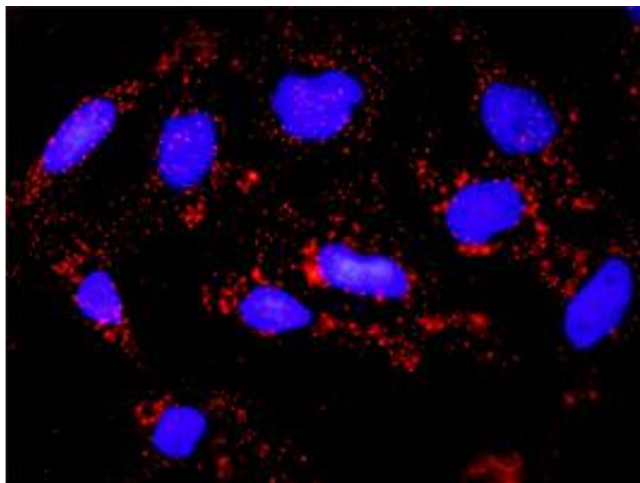


Western Blotting

Image 1. Western Blot analysis of TP53 expression in transfected 293T cell line by TP53 MaxPab polyclonal antibody.

Lane 1: TP53 transfected lysate(43.70 KDa).

Lane 2: Non-transfected lysate.



Proximity Ligation Assay

Image 2. Proximity Ligation Analysis of protein-protein interactions between TP53 and BAX. HeLa cells were stained with anti-TP53 rabbit purified polyclonal 1:1200 and anti-BAX mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).