

Datasheet for ABIN1535547  
**anti-p53 antibody (AA 283-332)**



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3 Images

## Overview

Quantity:	100 µL
Target:	p53 (TP53)
Binding Specificity:	AA 283-332
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This p53 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human p53.
Isotype:	IgG
Specificity:	p53 Antibody detects endogenous levels of total p53 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

## Target Details

Target:	p53 (TP53)
Alternative Name:	p53 ( <a href="#">TP53 Products</a> )
Background:	Synonyms: Antigen NY-CO-13, Cellular tumor antigen p53, Phosphoprotein p53, TP53, tumor

## Target Details

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protein p53, Tumor suppressor p53  
NCBI Gene Symbol: TP53

Molecular Weight: 43 kDa

Gene ID: 7157

OMIM: 133239

UniProt: [P04637](#)

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

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Application Notes: WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:10000

Comment: Unigene-Number: Hs.654481 (NCBI Gene Symbol: TP53)

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

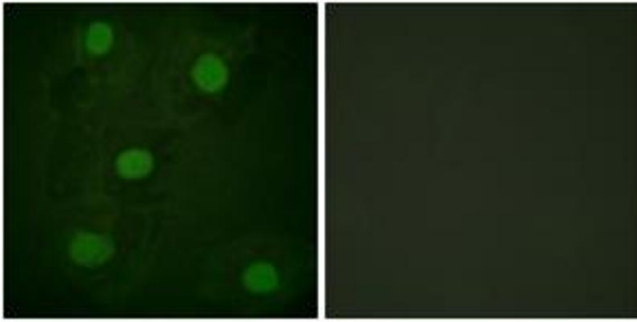
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

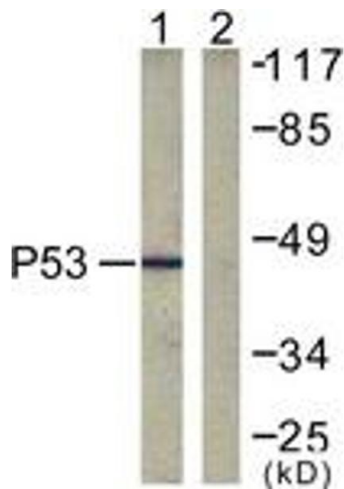
Storage Comment: Stable at -20°C for at least 1 year.

Expiry Date: 12 months



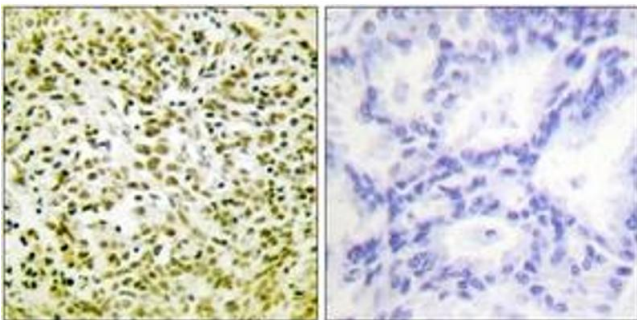
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of HeLa cells, using p53 (Ab-317) Antibody. The picture on the right is treated with the synthesized peptide.



### Western Blotting

**Image 2.** Western blot analysis of extracts from COS7 cells, treated with TSA 400nM 24h, using p53 (Ab-317) Antibody. The lane on the right is treated with the synthesized peptide.



### Immunohistochemistry

**Image 3.** Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using p53 (Ab-317) Antibody. The picture on the right is treated with the synthesized peptide.