

Datasheet for ABIN2792141
anti-p53 antibody (C-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	p53 (TP53)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This p53 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human TP53
Sequence:	RELNEALELK DAQAGKEPGG SRAHSSHLKS KKGQSTSRHK KLMPKTEGPD
Predicted Reactivity:	Horse: 93%, Human: 100%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against TP53. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	p53 (TP53)
Alternative Name:	TP53 (TP53 Products)

Target Details

Background:	TP53 acts as a tumor suppressor in many tumor types, induces growth arrest or apoptosis depending on the physiological circumstances and cell type. Involved in cell cycle regulation as a trans-activator that acts to negatively regulate cell division by controlling a set of genes required for this process. Alias Symbols: P53, LFS1, TRP53 Protein Size: 393
Molecular Weight:	44 kDa
Gene ID:	7157
NCBI Accession:	NM_000546 , NP_000537
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

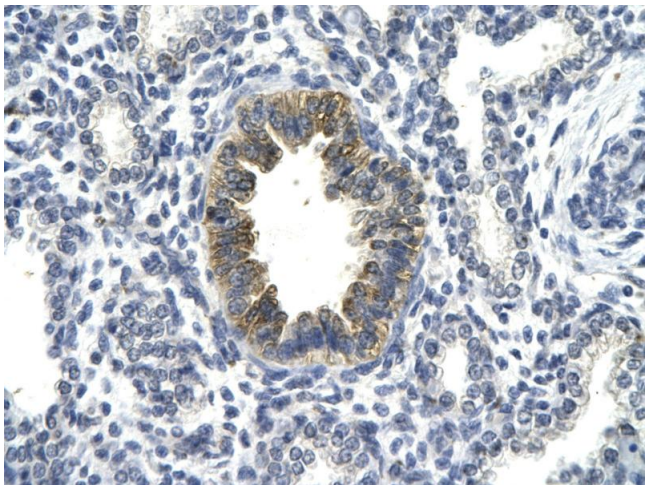
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 393 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

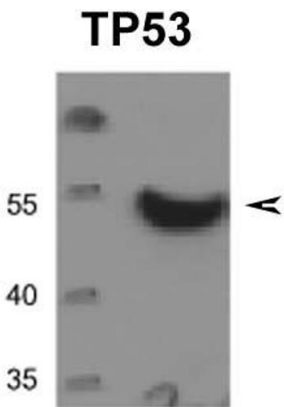
aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Rabbit Anti-TP53 antibody Catalog Number: AVARP02055 Paraffin Embedded Tissue: Human Lung cell Cellular Data: bronchiole epithelium of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



Western Blotting

Image 2. WB Suggested Anti-TP53 Antibody Titration: 0.5 ug/ml Positive Control: DU145 CELLS TP53 is strongly supported by BioGPS gene expression data to be expressed in Human DU145 cells

See Immunoblot 1 Data and Customer Feedback tab for more information.