

Datasheet for ABIN2779979
anti-p53 antibody (C-Term)



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2 Images

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	TEEENFRKKE VLCPELPPGS AKRALPTCTS ASPPQKKKPL DGEYFTLKIR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 92%, Rat: 100%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against TRP53. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	p53 (TP53)
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Target Details

Alternative Name:	TRP53 (TP53 Products)
Background:	Trp53 is a protein found in elevated levels in a great variety of transformed cells Alias Symbols: bbl, bfy, bhy, p44, p53, Tp53 Protein Interaction Partner: PRKAA1, Rnf128, Ndn, Herc2, Rchy1, Rps26, Rpl11, Cdkn2a, Bcl2l1, Daxx, Mdm2, Wwox, Mapk8, Smyd1, Ubc, Twist1, Pten, Bard1, Ep300, Sumo1, Trp73, Trp63, Strm, Nqo1, Mif, Hspa1b, Hipk2, Axin1, Zbtb7c, Topors, Gsk3b, Foxp3, Huwe1, Park7, Ccng1, NUMB, Skil, Cu Protein Size: 390
Molecular Weight:	43 kDa
Gene ID:	22059
NCBI Accession:	NM_011640 , NP_035770
UniProt:	P02340
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: 390 AA
Restrictions:	For Research Use only

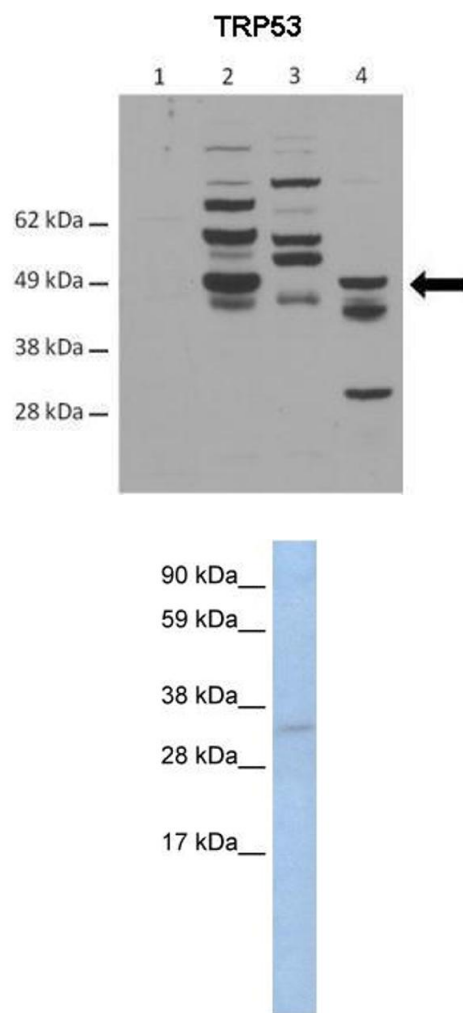
Handling

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.

Handling

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



Western Blotting

Image 1. WB Suggested Anti-TRP53 Antibody Positive Control: Lane 1: 40ug C57/B6 control mouse G.I. Lane 2: 40ug C57/B6 mouse G.I. treated with Irinotecan Lane 3: 40ug p53 KO HCT-116 cells Lane 4: 40ug C57/B6 mouse treated with 15 Gy ionizing radiation Primary Antibody Dilution : 1:1000 Secondary Antibody : Goat anti-rabbit-HRP Secondary Antibody Dilution : 1:2500 Submitted by: Brian Leibowitz, University of Pittsburgh

Western Blotting

Image 2. WB Suggested Anti-TRP53 Antibody Titration: 2.5ug/ml ELISA Titer: 1:312500 Positive Control: SP2/0 cell lysate