

Datasheet for ABIN2784930
anti-TP53RK antibody (N-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	TP53RK
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TP53RK antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TP53RK
Sequence:	MAAARATTPA DGEEPAPEAE ALAAARERSS RFLSGLELVK QGAEARVFRG
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against TP53RK. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TP53RK
Alternative Name:	TP53RK (TP53RK Products)

Target Details

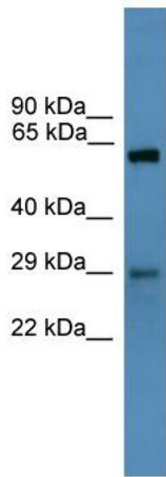
Background:	<p>TP53RK is a protein kinase that phosphorylates 'Ser-15' of p53/TP53 protein and may therefore participate in its activation.</p> <p>Alias Symbols: BUD32, C20orf64, Nori-2, Nori-2p, PRPK, dJ101A2</p> <p>Protein Interaction Partner: MTUS2, CALCOCO2, UBC, CALU, DPP9, AARSD1, EFTUD1, NIF3L1, RPRD1B, OSGEP, PANK4, THG1L, NSUN2, RANGAP1, PRKACB, METTL1, EEF2K, ACTR2, ACTR3, SAE1, TOM1L1, TPD52L2, SH3GL1, KIAA1279, UFM1, TPRKB, INADL, LAGE3, SMS, HSP90AA1, NUP43, C14orf142, PRAME, ELAVL1,</p> <p>Protein Size: 253</p>
Molecular Weight:	28 kDa
Gene ID:	112858
NCBI Accession:	NM_033550 , NP_291028
UniProt:	Q96S44

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 253 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.



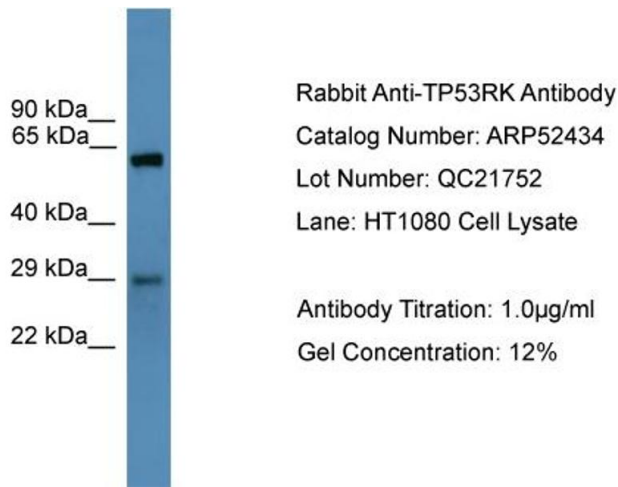
Western Blotting

Image 1. WB Suggested Anti-TP53RK Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: HT1080 cell lysate



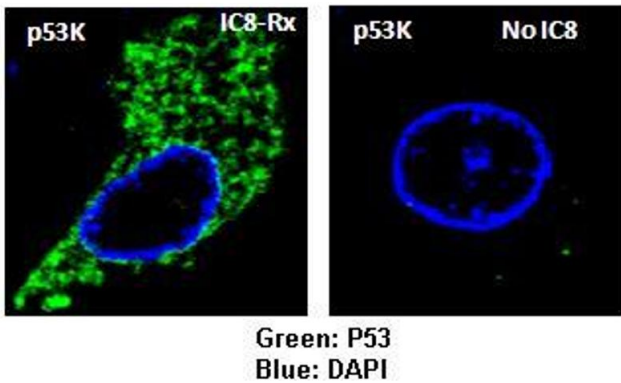
Western Blotting

Image 2. WB Suggested Anti-TP53RK

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::12500

Positive Control: HT1080 cell lysate

TP53



Immunofluorescence

Image 3. Sample Type: Rat thyrocytes-FRTL-5

Primary Antibody Dilution: 1:100

Secondary Antibody: Anti-rabbit-FITC

Secondary Antibody Dilution: 1:000

Color/Signal Descriptions: Green: TP53RKBlue: DAPI

Gene Name: TP53RK

Submitted by: Syed A Morshed, Mount Sinai School of Medicine and James J Peters VA Medical Center