

Rabbit anti-Rat Cellular tumor antigen p53 Polyclonal Antibody | anti-p53 antibody

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CATALOG # AAA81810	HOST Rabbit	REACTIVITY Rat	APPLICATIONS Western Blot, ELISA
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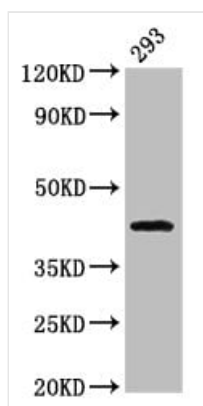
PRODUCT SYNONYMS

Cellular tumor antigen p53; Polyclonal Antibody; Rabbit anti-rat Cellular tumor antigen p53 polyclonal Antibody; Tumor suppressor p53; TP53; anti-p53 antibody

PRODUCT SPECIFICATIONS

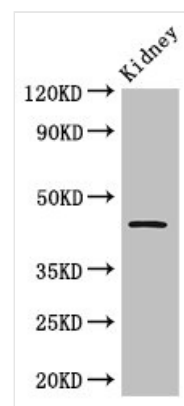
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	391
Applicable Applications for anti-p53 antibody	WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant rat Cellular tumor antigen p53 protein
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



WB (Western Blot)

Western Blot Positive WB detected in: 293 whole cell lysate
All lanes: Tp53 antibody at 5.2ug/ml
Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 44 kDa
Observed band size: 44 kDa



WB (Western Blot)

Western Blot Positive WB detected in: Mouse kidney tissue
All lanes: Tp53 antibody at 2.5ug/ml
Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 44 kDa
Observed band size: 44 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-p53 antibody	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. One of the activated genes is an inhibitor of cyclin-dependent kinases. Apoptosis induction seems to be mediated either by stimulation of BAX and FAS antigen expression, or by repression of Bcl-2 expression. Prevents CDK7 kinase activity when associated to CAK complex in response to DNA damage, thus stopping cell cycle progression By similarity. Interacts with GRK5
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189083686
NCBI GeneID	24842
NCBI Accession #	NP_112251.2
NCBI GenBank Nucleotide #	NM_030989.3
UniProt Accession #	P10361; O09168; Q4KMA9; Q66HM0
Molecular Weight	43,451 Da
NCBI Official Full Name	cellular tumor antigen p53
NCBI Official Synonym Full Names	tumor protein p53
NCBI Official Symbol	Tp53
NCBI Official Synonym Symbols	p53; Trp53
NCBI Protein Information	cellular tumor antigen p53
UniProt Protein Name	Cellular tumor antigen p53
UniProt Gene Name	Tp53
UniProt Synonym Gene Names	P53
UniProt Entry Name	P53_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.