

Rabbit p53 Polyclonal Antibody | anti-p53 antibody

p53 Polyclonal Antibody

CATALOG # AAA47853	HOST Rabbit	APPLICATIONS Immunoblot, Western Blot
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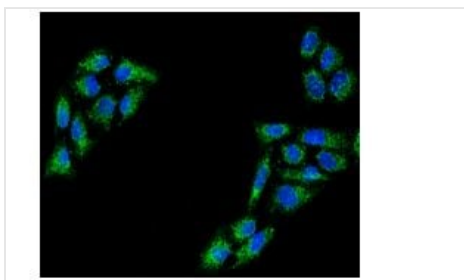
PRODUCT SYNONYMS

p53; Polyclonal Antibody; p53 Polyclonal Antibody; anti-p53 antibody

PRODUCT SPECIFICATIONS

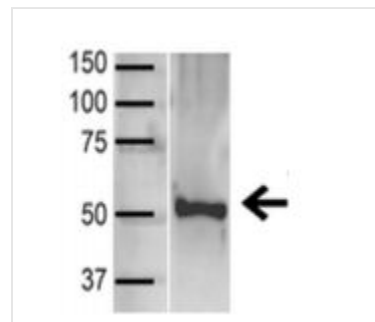
Host	Rabbit
Clonality	Polyclonal
Specificity	This antibody recognizes human p53.
Form/Format	100ug peptide affinity-purified antibody in PBS, pH 7.4, 50% glycerol, 0.09% sodium azide.
Sequence Length	393
Applicable Applications for anti-p53 antibody	IB (Immunoblot)
Immunogen	Synthetic peptide corresponding to amino acids at the C-terminus of human p53.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C.

IMAGES



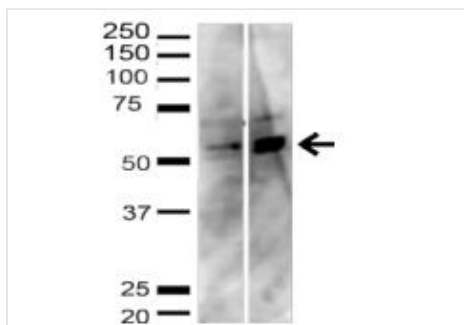
Application Data

Detection of p53 in formalin-fixed HeLa cells at 10ug/ml. DAPI (blue) nuclear stain, FITC (green) p53 stain



Application Data

Detection of p53 in A431 cell lysate at 1ug/ml.



Application Data

Detection of p53 in HeLa (left) and 293T (right) cell lysates at 1ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-p53 antibody	Tumor protein p53, also known as p53, functions as a tumor suppressor, and, as such, p53 has been described as "the guardian of the genome" because of its role in preventing genome mutations. The name p53 describes the apparent molecular mass of the protein as observed in SDS-PAGE analysis. The actual mass of full-length p53, based on the sum of masses of the amino acid residues, is 43.7kDa. The difference is due to the number of proline residues in the protein which slow its migration on SDS-PAGE, thus making it appear heavier than it actually is. The TP53 gene is the most frequently mutated gene (>50%) in human cancer.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	120407068
NCBI GeneID	7157
NCBI Accession #	NP_000537.3
NCBI GenBank Nucleotide #	NM_000546.5
UniProt Accession #	P04637; Q15086; Q15087; Q15088; Q16535; Q16807; Q16808; Q16809; Q16810; Q16811; Q16848; Q2XN98
Molecular Weight	37,826 Da
NCBI Official Full Name	cellular tumor antigen p53 isoform a
NCBI Official Synonym Full Names	tumor protein p53
NCBI Official Symbol	TP53
NCBI Official Synonym Symbols	P53; BCC7; LFS1; TRP53
NCBI Protein Information	cellular tumor antigen p53
UniProt Protein Name	Cellular tumor antigen p53
UniProt Gene Name	TP53
UniProt Synonym Gene Names	P53

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.