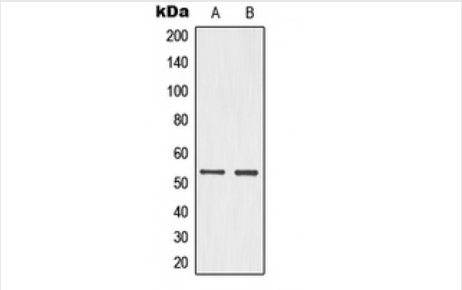
p53 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	p53, Polyclonal Antibody
Full Product Name	p53 Antibody
Product Gene Name	anti-p53 antibody
Product Synonym Names	Purified Polyclonal p53 Antibody; Polyclonal p53 antibody; Anti-p53 antibody; P53 antibody; Cellular tumor antigen p53 antibody; Antigen NY-CO-13 antibody; Phosphoprotein p53 antibody; Tumor suppressor p53 antibody
Clonality	Polyclonal
Host	Rabbit
Form/Format	Supplied in liquid form in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3 with 30% Glycerol and 0.01% Sodium Azide
Purity/Purification	Immunogen Affinity Chromatography
Specificity	Recognizes endogenous levels of p53 protein
Preparation and Storage	Store at 4 degree C for short term storage. For long term, aliquot and store at -20 degree C. Avoid repeat freeze/thaw cycles.
Immunogen	p53 antibody was raised in Rabbit using a KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human p53 as the immunogen
Cross-Reactivity	Rat
Product Categories/Family for anti-p53 antibody	Cancer
Applications Tested/Suitable for anti-p53 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunoprecipitation (IP)
Application Notes for anti-p53 antibody	WB: 1:500-1:1000 IHC: 1:100-1:200 IF: 1:100-1:500 ICC: 1:100-1:500 IP: 1:10-1:100
Related Product Information for anti-p53 antibody	p53 has many mechanisms of anticancer function, and plays a role in apoptosis, genomic stability, and inhibition of angiogenesis.
Other Notes	Small volumes of anti-p53 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for p53 purchase	MBS5315122 is an antibody targeting p53. Also known as p53 Antibody. Host: Rabbit.



Western Blot (WB) of anti-p53 antibody
Western blot analysis of p53 (pS15) expression in HeLa UV-treated (A); PC12 (B) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for p53. It may not necessarily be applicable to this product.

NCBI GI #	23491729
NCBI GeneID	7157
UniProt Related Accession #	P04637
NCBI Official Full Name	P53
NCBI Official Synonym Full Names	tumor protein p53
NCBI Official Symbol	TP53
NCBI Official Synonym Symbols	P53; BCC7; LFS1; BMFS5; TRP53
Protein Family	p53 and DNA damage-regulated protein
NCBI Protein Information	cellular tumor antigen p53
NCBI Summary for p53	This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in this gene are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons from identical transcript variants (PMIDs: 12032546, 20937277). [provided by RefSeq, Dec 2016]
Research Articles on p53	**1.** These results identify PITA and PISA as selective regulators of p53-mediated glycolysis and mitochondrial respiration.
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