

Rabbit Phospho-p53-S392 Polyclonal Antibody | anti-p53-S392 antibody

Phospho-p53-S392 Rabbit pAb

CATALOG # AAA282108	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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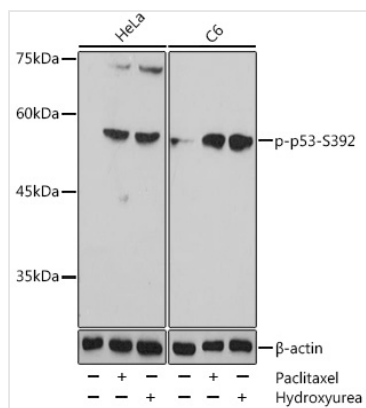
PRODUCT SYNONYMS

Phospho-p53-S392; Polyclonal Antibody; Phospho-p53-S392 Rabbit pAb; BCC7; LFS1; P53; TRP53; p53; TP53; BMFS5; anti-p53-S392 antibody

PRODUCT SPECIFICATIONS

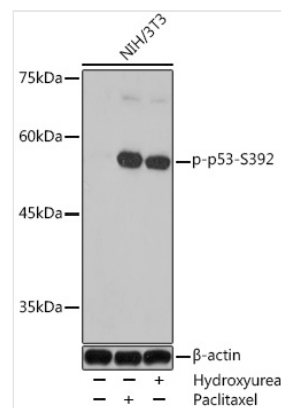
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	GPDSG
Applicable Applications for anti-p53-S392 antibody	WB (Western Blot)
Immunogen	A synthetic phosphorylated peptide around S392 of human p53 (NP_000537.3).
Cellular Location	Cytoplasm, Endoplasmic reticulum, Mitochondrion matrix, Nucleus, PML body
Positive Samples	HeLa, NIH/3T3, C6
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Phospho-p53-S392 antibody at 1:1000 dilution. HeLa cells were treated by Paclitaxel (100 nM/ml) at 37°C for 20 hours. HeLa cells were treated by Hydroxyurea (4 mM) at 37°C for 20 hours. C6 cells were treated by Paclitaxel (100 nM) at 37°C for 20 hours. C6 cells were treated by Hydroxyurea (4 mM) at 37°C for 20 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit (RM00021). Exposure time: 20s.



WB (Western Blot)

Western blot analysis of extracts of NIH/3T3 cells, using Phospho-p53-S392 antibody at 1:1000 dilution. NIH/3T3 cells were treated by Paclitaxel (100 nM/ml) at 37°C for 20 hours. NIH/3T3 cells were treated by Hydroxyurea (4 mM) at 37°C for 20 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit (RM00021). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-p53-S392 antibody	Background: 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).
Product Categories/Family for anti-p53-S392 antibody	Epigenetics & Nuclear Signaling; Transcription Factors; Research; Epigenetics & Nuclear Signaling; DNA Damage & Repair; Research; Protein phosphorylation; Research; Cancer; Tumor suppressors; p53 pathway; Research; Signal Transduction; ErbB-HER Signaling

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	43,653 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; antigen NY-CO-13; phosphoprotein p53; p53 tumor suppressor; transformation-related protein 53
UniProt Protein Name	Cellular tumor antigen p53
UniProt Gene Name	TP53
UniProt Synonym Gene Names	P53
UniProt Entry Name	P53_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/phospho-p53-s392-antibody-western-blot-elisa/282108>