

Rabbit anti-Human p53 Polyclonal Antibody | anti-p53 antibody

p53 (Phospho-Ser33) Antibody

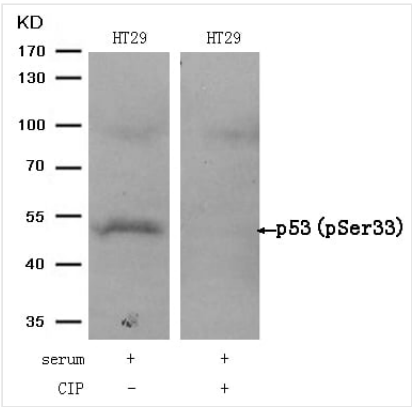
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304156	Rabbit	Human	Immunofluorescence, Western Blot

PRODUCT SYNONYMS

p53; Polyclonal Antibody; p53 (Phospho-Ser33) Antibody; P53; BCC7; LFS1; TRP53; anti-p53 antibody

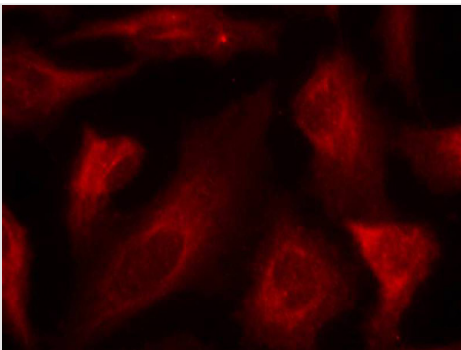
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of p53 only when phosphorylated at serine 33.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography use
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	393
Applicable Applications for anti-p53 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 33 (V-L-S(p)-P-L) derived from Human p53.
Modification	Phospho-Ser33
Target Name	p53
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.



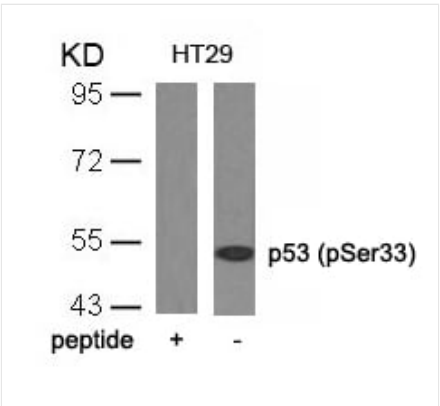
WB (Western Blot)

Western blot analysis of extracts from HT29 cells, treated with serum or calf intestinal phosphatase (CIP), using p53 (Phospho-Ser33) Antibody.



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed Hela cells using p53(Phospho-Ser33) Antibody.



WB (Western Blot)

Western blot analysis of extracts from HT29 cells using p53(Phospho-Ser33) Antibody and the same antibody preincubated with blocking peptide.

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. Implicated in Notch signaling cross-over.
Product Categories/Family for anti-p53 antibody	Phospho-specific Ab

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	24,401 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
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/p53-antibody-immunofluorescence-western-blot-elisa/304156>