

Rabbit anti-Human TP53-S33 Polyclonal Antibody | anti-TP53-S33 antibody

Phospho-TP53-S33 pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281281	Rabbit	Human	Immunoprecipitation, Western Blot

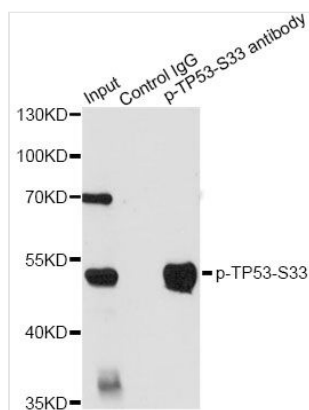
PRODUCT SYNONYMS

TP53-S33; Polyclonal Antibody; Phospho-TP53-S33 pAb; BCC7; LFS1; P53; TRP53; anti-TP53-S33 antibody

PRODUCT SPECIFICATIONS

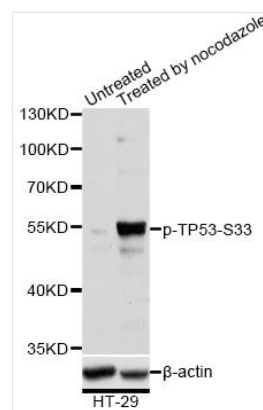
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	VLSPL
Sequence Length	393
Applicable Applications for anti-TP53-S33 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A phospho specific peptide corresponding to residues surrounding S33 of human TP53
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, Endoplasmic reticulum, Mitochondrion matrix, Nucleus, PML body
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 200ug extracts of HT-29 cells treated by nocodazole using 2.5ug Phospho-TP53-S33 antibody. Western blot was performed from the immunoprecipitate using Phospho-TP53-S33 antibody at a dilution of 1:1000.



WB (Western Blot)

Western blot analysis of extracts of HT-29 cells, using Phospho-TP53-S33 antibody at 1:2000 dilution. HT-29 cells were treated by Nocodazole (100ng/mL) for 16 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-TP53-S33 antibody	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-TP53-S33 antibody	Phosphorylated Antibodies

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	Calculated: 23-43kDa Observed: 53kDa
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tp53-s33-antibody-immunoprecipitation-western-blot-elisa/281281>