

Rabbit anti-Human p53 Polyclonal Antibody | anti-TP53 antibody

p53 Antibody (Sumoylation Site Specific)

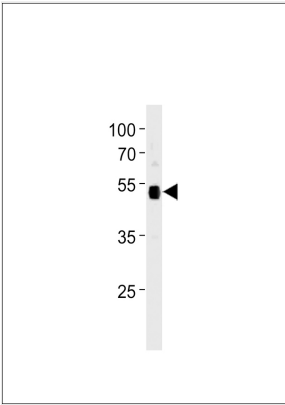
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286780	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

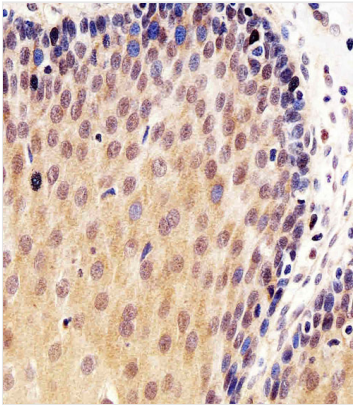
p53; Polyclonal Antibody; p53 Antibody (Sumoylation Site Specific); Cellular tumor antigen p53; Antigen NY-CO-13; Phosphoprotein p53; Tumor suppressor p53; TP53; P53; anti-TP53 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This p53 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 364-393 amino acids from human p53.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	364-393
Sequence Length	214
Applicable Applications for anti-TP53 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
TP53 Antibody (C-term) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the TP53 antibody detected the TP53 protein (arrow).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded H. esophagus section using p53 Antibody (Sumoylation Site Specific). AAA286780 was diluted at 1:100 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-TP53 antibody	Tumor protein p53, a nuclear protein, plays an essential role in the regulation of cell cycle, specifically in the transition from G0 to G1. It is found in very low levels in normal cells, however, in a variety of transformed cell lines, it is expressed in high amounts, and believed to contribute to transformation and malignancy. P53 is subject to modification by conjugation of SUMO-1. A p53 mutant deficient for MDM2 binding is poorly sumoylated in vivo compared to wild-type p53. Overexpression of MDM2 increases the level of p53 sumoylation, which is further stimulated by expression of ARF. These results show that p53 sumoylation is regulated by MDM2- and ARF-mediated nucleolar targeting.
Product Categories/Family for anti-TP53 antibody	Crown Antibodies; Cancer; Cell Biology; Phospho Antibodies
References	Chen L, et al. Oncogene. 2003 Aug 14;22(34):5348-57. Melchior F, et al. Cell Cycle. 2002 Jul-Aug;1(4):245-9. Kahyo T, et al. Mol Cell. 2001 Sep;8(3):713-8. Kwek SS, et al. Oncogene. 2001 May 3;20(20):2587-99. Muller S, et al. J Biol Chem. 2000 May 5;275(18):13321-9. Gostissa M, et al. EMBO J. 1999 Nov 15;18(22):6462-71. Rodriguez MS, et al. EMBO J. 1999 Nov 15;18(22):6455-61.

NCBI AND UNIPROT INFORMATION

NCBI GI #	120407068
NCBI GeneID	7157
NCBI Accession #	NP_000537.3; NP_001119584.1; NP_001119585.1; NP_001119586.1; NP_001119587.1; NP_001119588.1; NP_001119589.1; NP_001119590.1; NP_001263624.1; NP_001263625.1; NP_001263626.1; NP_001263627.1; NP_001263628.1; NP_00126
NCBI GenBank Nucleotide #	NM_000546.5
UniProt Accession #	P04637; Q15086; Q15087; Q15088; Q16535; Q16807; Q16808; Q16809; Q16810; Q16811; Q16848; Q2XN98
Molecular Weight	43653
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/p53-antibody-western-blot-immunohistochemistry-elisa/286780>