

anti-Human p53 Antibody | anti-p53 antibody

p53 (Phospho-Ser15) Antibody

CATALOG # AAA111018	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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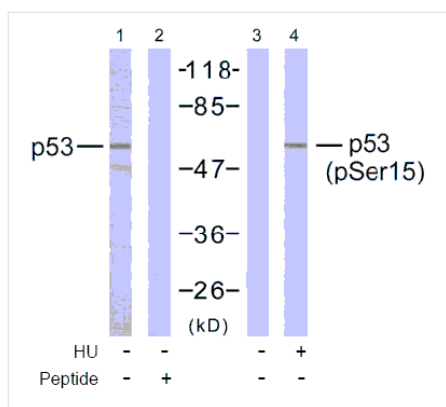
PRODUCT SYNONYMS

p53; p53 (Phospho-Ser15) Antibody; A-T; mutated; Ataxia telangiectasia mutated; Ataxia telangiectasia mutated homolog; Serine-protein kinase ATM; kinase ATM; anti-p53 antibody

PRODUCT SPECIFICATIONS

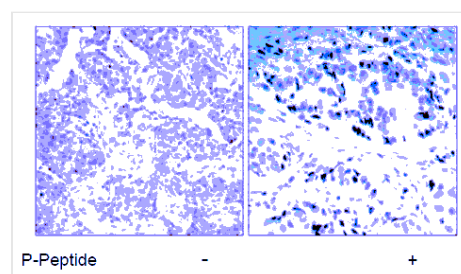
Reactivity	Human
Specificity	p53 (phospho-Ser15) antibody detects endogenous levels of p53 only when phosphorylated at serine15.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	393
Applicable Applications for anti-p53 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human p53 around the phosphorylation site of serine 15 (P-L-SP-Q-E).
All Sites	Human: Ser1981 Mouse: Ser1987
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of the extracts from HeLa cells untreated or treated with hydroxyurea, using p53 (Ab-15) antibody (Line1 and 2) and p53 (phospho-Ser15) antibody (Line3 and 4).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p53 (phospho-Ser15) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-p53 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Shieh, S. Y. et al. (1999) EMBO J. 18, 1815-1823. Honda, R. et al. (1997) FEBS Lett. 420, 25-27. Hirao, A. et al. (2000) Science 287, 1824-1827.

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

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/human-antibody/p53/111018>