

Rabbit 53BP1 Polyclonal Antibody | anti-53BP1 antibody

53BP1 (Phospho-Ser25) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307824	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry

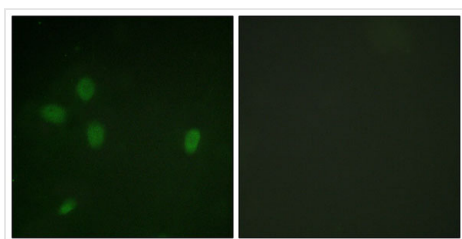
PRODUCT SYNONYMS

53BP1; Polyclonal Antibody; 53BP1 (Phospho-Ser25) Antibody; P531; TP53B; TP53BP1; TRP53BP1; Tumor suppressor p53-binding protein 1; p53-binding protein 1; anti-53BP1 antibody

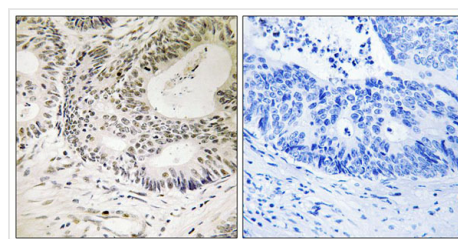
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of 53BP1 only when phosphorylated at serine 25.
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 using
Form/Format	Rabbit IgG 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	1975
Applicable Applications for anti-53BP1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen Type	peptide
Immunogen Description	Peptide sequence around phosphorylation site of serine 25 (E-D-S(p)-Q-P) derived from Human 53BP1.
Modification	Phospho-Ser25
Target Name	53BP1
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells, using 53BP1 (Phospho-Ser25) antibody. The picture on the right is treated with the synthesized peptide.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using 53BP1 (Phospho-Ser25) antibody. The picture on the right is treated with the synthesized peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-53BP1 antibody	Plays a key role in the response to DNA damage. May have a role in checkpoint signaling during mitosis. Enhances TP53-mediated transcriptional activation.
Product Categories/Family for anti-53BP1 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	213972634
NCBI GeneID	7158
NCBI Accession #	NP_001135451.1
NCBI GenBank Nucleotide #	NM_001141979.1
UniProt Accession #	Q12888; Q2M1Z7; Q4LE46; Q5FWZ3; Q7Z3U4; F8VY86
Molecular Weight	213,989 Da
NCBI Official Full Name	tumor suppressor p53-binding protein 1 isoform 2
NCBI Official Synonym Full Names	tumor protein p53 binding protein 1
NCBI Official Symbol	TP53BP1
NCBI Official Synonym Symbols	p202; 53BP1; p53BP1
NCBI Protein Information	tumor suppressor p53-binding protein 1
UniProt Protein Name	Tumor suppressor p53-binding protein 1
UniProt Gene Name	TP53BP1
UniProt Synonym Gene Names	53BP1; p53-binding protein 1; p53BP1
UniProt Entry Name	TP53B_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://stage.aaabiotech.com/polyclonal/53bp1-antibody-immunofluorescence-immunohistochemistry-elisa/307824>