

Rabbit 53BP1 Polyclonal Antibody | anti-TP53BP1 antibody

Anti-53BP1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45490	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

53BP1; Polyclonal Antibody; Anti-53BP1 antibody; Tumor suppressor p53-binding protein 1; tumor protein p53 binding protein 1; 53 BP1 antibody; 53BP1 antibody; FLJ41424 antibody; MGC138366 antibody; p202 antibody; p53 binding protein 1 antibody; p53 BP1 antibody; p53-binding protein 1 antibody; p53BP1 antibody; TP53 BP1 antibody; TP53B_HUMAN antibody; TP53BP1 antibody; TRP53 BP1 antibody; Tumor protein 53 binding protein 1 antibody; Tumor protein p53 binding protein 1 antibody; Tumor suppressor p53 binding protein 1 antibody; Tumor suppressor p53-binding protein 1 antibody; anti-TP53BP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	1972
Applicable Applications for anti-TP53BP1 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human 53BP1 (1955-1972aa ERIGFKQHPKYKHDYVSH), identical to the related mouse sequence.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



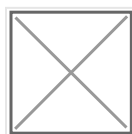
ICC (Immunocytochemistry)

Anti-53BP1 antibody, AAA45490, ICCICC: A549 Cell



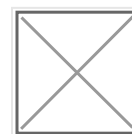
IHC (Immunohistochemistry)

Anti-53BP1 antibody, AAA45490, IHC(P)IHC(P): Mouse Brain Tissue



IHC (Immunohistochemistry)

Anti-53BP1 antibody, AAA45490, IHC(P)IHC(P): Rat Brain Tissue



IHC (Immunohistochemistry)

Anti-53BP1 antibody, AAA45490, IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)

Anti-53BP1 antibody, AAA45490, Western blotting Lane 1: 293T Cell Lysate Lane 2: U2OS Cell Lysate Lane 3: HEPA Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-TP53BP1 antibody	Description: Rabbit IgG polyclonal antibody for Tumor suppressor p53-binding protein 1(TP53BP1) detection. Tested with WB, IHC-P, ICC in Human, Mouse, Rat. Background: TP53BP1(Tumor Protein p53-Binding Protein 1), also called 53BP1, is a protein that in humans is encoded by the TP53BP1 gene. Iwabuchi et al.(1998) mapped the TP53BP1 gene to 15q15-q21 by FISH. Iwabuchi et al.(1994) showed that TP53BP1 binds to the conformationally sensitive central domain of wildtype p53 but not to mutant p53 in vitro. Immunoblot analysis by Iwabuchi et al.(1998) showed that expression of TP53BP1 or TP53BP2 enhances the transactivation function of p53 and induces the expression of p21(CDKN1A). Wang et al.(2002) used small interfering RNA directed against TP53BP1 in mammalian cells to demonstrate that TP53BP1 is a key transducer of the DNA damage checkpoint signal. TP53BP1 was required for p53 accumulation, G2/M checkpoint arrest, and the intra-S-phase checkpoint in response to ionizing radiation.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	8928568
NCBI GeneID	7158
UniProt Accession #	Q12888; Q2M1Z7; Q4LE46; Q5FWZ3; Q7Z3U4; F8VY86
Molecular Weight	213,989 Da
NCBI Official Full Name	Tumor suppressor p53-binding protein 1
NCBI Official Synonym Full Names	tumor protein p53 binding protein 1
NCBI Official Symbol	TP53BP1
NCBI Official Synonym Symbols	p202; 53BP1
NCBI Protein Information	tumor suppressor p53-binding protein 1; p53BP1; tumor protein 53-binding protein, 1; tumor protein 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-immunocytochemistry-immunohistochemistry-western-blot-elisa/45490>