

Goat anti-Human 53BP1 Polyclonal Antibody | anti-53BP1 antibody

Goat anti-53BP1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212364	Goat	Human	Immunohistochemistry, Immunoprecipitation

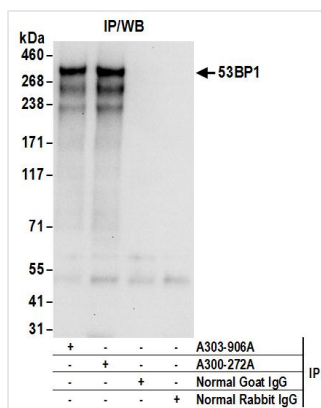
PRODUCT SYNONYMS

53BP1; Polyclonal Antibody; Goat anti-53BP1 Antibody; Affinity Purified; p53-binding protein 1; tumor suppressor p53-binding protein 1; tumor protein 53-binding protein; 1; TP53-binding protein 1; p53BP1; p202; TDRD30; Tumor suppressor p53-binding protein 1; tumor protein p53 binding protein 1; anti-53BP1 antibody

PRODUCT SPECIFICATIONS

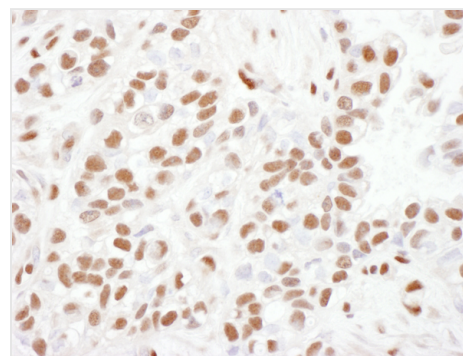
Host	Goat
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-53BP1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Between 375 and 425
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human 53BP1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified goat anti-53BP1 antibody AAA212364 (lot AAA212364-1) used for IP at 6 ug/mg lysate. 53BP1 was also immunoprecipitated by rabbit anti-53BP1 antibody For blotting immunoprecipitated 53BP1, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human 53BP1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified goat anti-53BP1 (Cat. No. AAA212364 lot 1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-53BP1 antibody	53BP1 (p53 Binding Protein 1) is an early participant in the cellular response to DNA double-strand breaks. 53BP1 functions in a redundant role in phosphorylation of the downstream checkpoint effector proteins Brca1 and Chk2 but was required for the formation of Brca1 foci in a hierarchical branched pathway for the recruitment of repair and signaling proteins to sites of DNA damage.
Product Categories/Family for anti-53BP1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032189
NCBI GeneID	7158
NCBI Accession #	NP_005648.1
NCBI GenBank Nucleotide #	NM_005657.2
UniProt Accession #	Q12888; Q2M1Z7; Q4LE46; Q5FWZ3; Q7Z3U4; F8VY86
Molecular Weight	213,989 Da
NCBI Official Full Name	tumor suppressor p53-binding protein 1 isoform 3
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/53bp1-antibody-immunohistochemistry-immunoprecipitation-elisa/212364>