

53BP1 Antibody | anti-53BP1 antibody

53BP1 (Phospho-Ser6) Antibody

CATALOG # AAA266990	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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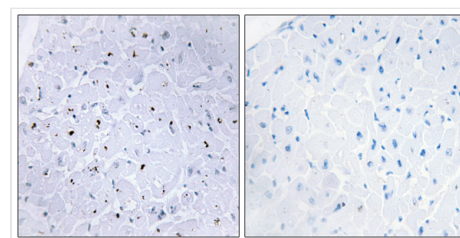
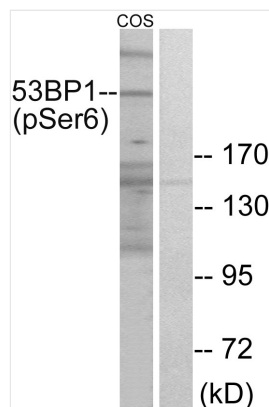
PRODUCT SYNONYMS

53BP1; 53BP1 (Phospho-Ser6) Antibody; p53-binding protein 1; P531; TP53B; TP53BP1; TRP53BP1; Tumor suppressor p53-binding protein 1; anti-53BP1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	53BP1 (Phospho-Ser6) antibody detects endogenous levels of 53BP1 only when phosphorylated at serine 6.
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	1975
Applicable Applications for anti-53BP1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human 53BP1 around the phosphorylation site of serine 6 (T-G-SP-Q-L).
All Sites	Human: Ser6 Mouse: Ser6 Rat: Ser11
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using 53BP1 (Phospho-Ser6) antibody. Western blot analysis of extracts from COS-7 cells, treated with insulin (0.01U/ml, 15mins), using 53BP1 (Phospho-Ser6) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-53BP1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Iwabuchi K., J. Biol. Chem. 273:26061-26068(1998). The MGC Project Team; Genome Res. 14:2121-2127(2004). Iwabuchi K., Proc. Natl. Acad. Sci. U.S.A. 91:6098-6102(1994).

NCBI AND UNIPROT INFORMATION

NCBI GI #	213972634
NCBI GeneID	7158
NCBI Accession #	NP_001135451.1
NCBI GenBank Nucleotide #	NM_001141979.2
UniProt Accession #	Q12888; Q2M1Z7; Q4LE46; Q5FWZ3; Q7Z3U4; F8VY86
Molecular Weight	213,989 Da
NCBI Official Full Name	TP53-binding protein 1 isoform 2
NCBI Official Synonym Full Names	tumor protein p53 binding protein 1
NCBI Official Symbol	TP53BP1
NCBI Official Synonym Symbols	TP53; p202; 53BP1; TDRD30; p53BP1
NCBI Protein Information	TP53-binding protein 1
UniProt Protein Name	TP53-binding protein 1
UniProt Gene Name	TP53BP1
UniProt Synonym Gene Names	p53BP1

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-mouse-rat-antibody/53bp1/266990>