

SP1 Antibody | anti-SP1 antibody

SP1 (Phospho-Thr453) Antibody

CATALOG # AAA111985	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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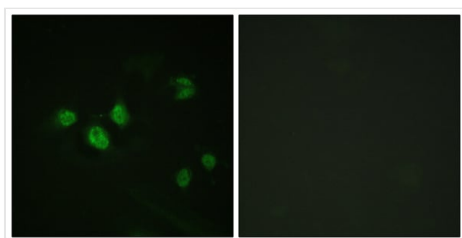
PRODUCT SYNONYMS

SP1; SP1 (Phospho-Thr453) Antibody; TSFP1; Transcription factor SP1; transcription factor Sp1; anti-SP1 antibody

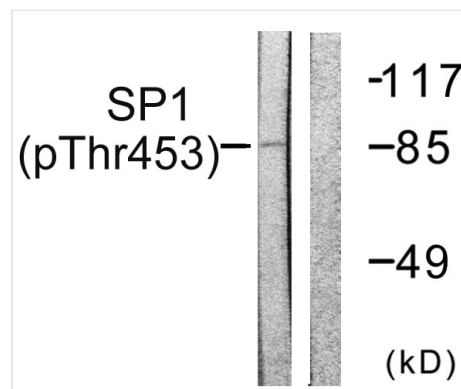
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	SP1 (Phospho-Thr453) antibody detects endogenous levels of SP1 only when phosphorylated at threonine 453.
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	737
Applicable Applications for anti-SP1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human SP1 around the phosphorylation site of threonine 453 (I-R-TP-P-T).
All Sites	Human: Thr453 Mouse: Thr455 Rat: Thr456
Preparation and Storage	Store at -20 degree C for 1 year.

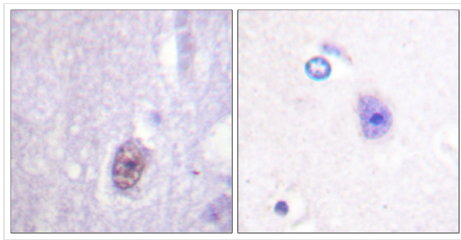
IMAGES


IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of HeLa cells, using SP1 (Phospho-Thr453) antibody.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using SP1 (Phospho-Thr453) antibody. Western blot analysis of extracts from A549 cells, using SP1 (Phospho-Thr453) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-SP1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Zhenjun Lou, Cancer Res., Feb 2005; 65: 1007-1017. Kolaparthi Venkatasubbarao, Cancer Res., Aug 2001; 61: 6239-6247. George Koutsodontis, J. Biol. Chem., Jul 2001; 276: 29116-29125. Shi-Hua Li, Mol. Cell. Biol., Mar 2002; 22: 1277-1287.

NCBI AND UNIPROT INFORMATION

NCBI GI #	352962149
NCBI GeneID	6667
NCBI Accession #	NP_001238754.1
NCBI GenBank Nucleotide #	NM_001251825.1
UniProt Accession #	P08047; Q86TN8; Q9H3Q5; Q9NR51; Q9NY21; Q9NYE7; E4Z9M7; G5E9M8
Molecular Weight	75,824 Da
NCBI Official Full Name	transcription factor Sp1 isoform c
NCBI Official Synonym Full Names	Sp1 transcription factor
NCBI Official Symbol	SP1
NCBI Protein Information	transcription factor Sp1
UniProt Protein Name	Transcription factor Sp1
UniProt Gene Name	SP1
UniProt Synonym Gene Names	TSFP1

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/sp1/111985>