

Rabbit SP1 Polyclonal Antibody | anti-SP1 antibody

SP1 (Phospho-Thr453) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316225	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SP1; Polyclonal Antibody; SP1 (Phospho-Thr453) Antibody; anti-SP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	SP1 (Phospho-Thr453) Antibody detects endogenous levels of SP1 only when phosphorylated at Thr453.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
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 mg/ml (varies by lot)
Sequence Length	737
Applicable Applications for anti-SP1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:T453; M:T455; R:T456
Immunogen	The antiserum was produced against synthesized peptide derived from human SP1 around the phosphorylation site of Thr453.
Immunogen Range	421-470
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from A549 cells, using SP1 (Phospho-Thr453) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain, using SP1 (Phospho-Thr453) Antibody. The picture on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using SP1 (Phospho-Thr453) Antibody. The picture on the right is blocked with the phospho peptide.

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	80 kDa
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/polyclonal/sp1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/316225>