

Rabbit anti-Human, Mouse SF1 Polyclonal Antibody | anti-SF1 antibody

SF1 (Phospho-Ser82) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304025	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

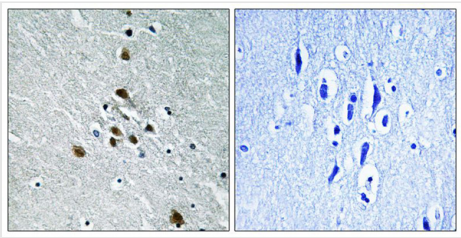
PRODUCT SYNONYMS

SF1; Polyclonal Antibody; SF1 (Phospho-Ser82) Antibody; BBP; CW17; SF01; ZFM1; ZNF162; anti-SF1 antibody

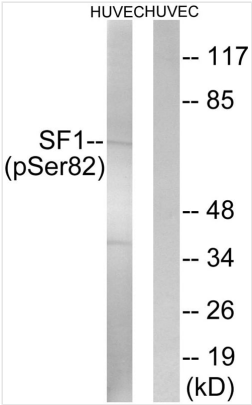
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of SF1 only when phosphorylated at serine 82.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
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	1.0 mg/ml (varies by lot)
Sequence Length	673
Applicable Applications for anti-SF1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 82(S-P-S(p)-P-E) derived from Human SF1.
Modification	Phospho-Ser82
Target Name	SF1
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human brain tissue using SF1 (Phospho-Ser82) antibody (left) or the same antibody preincubated with blocking peptide (right).



WB (Western Blot)
Western blot analysis of extracts from HUVEC cells treated with anisomycin using SF1 (Phospho-Ser82) Antibody. The lane on the right is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SF1 antibody	Necessary for the ATP-dependent first step of spliceosome assembly. Binds to the intron branch point sequence (BPS) 5'-UACUAAC-3' of the pre-mRNA. May act as transcription repressor. Susan Y. Park, Development, May 2005; 132: 2415 - 2423. Dujin Zhou, Mol. Endocrinol., Jul 2000; 14: 986. Dagmar Wilhelm, Genes & Dev., Jul 2002; 16: 1839. Philipp Gut, Development, Oct 2005; 132: 4611 - 4619.
Product Categories/Family for anti-SF1 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	295842330
NCBI GeneID	7536
NCBI Accession #	NP_001171501.1
NCBI GenBank Nucleotide #	NM_001178030.1
UniProt Accession #	Q15637; Q14818; Q14819; Q15913; Q81Y00; Q92744; Q92745; Q969H7; Q9BW01; Q9UEI0; B7Z1Q1; C9JJE2
Molecular Weight	65,371 Da
NCBI Official Full Name	splicing factor 1 isoform 6
NCBI Official Synonym Full Names	splicing factor 1
NCBI Official Symbol	SF1
NCBI Official Synonym Symbols	BBP; MBBP; ZFM1; ZNF162; D11S636; ZCCHC25
NCBI Protein Information	splicing factor 1
UniProt Protein Name	Splicing factor 1
UniProt Gene Name	SF1
UniProt Synonym Gene Names	ZFM1; ZNF162; BBP; mBBP
UniProt Entry Name	SF01_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.