

Rabbit SF1 Polyclonal Antibody | anti-SF1 antibody

Phospho-SF1 (Ser80/82) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328520	Rabbit	Human, Mouse, Rat, Monkey	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SF1; Polyclonal Antibody; Phospho-SF1 (Ser80/82) Antibody; BBP; D11S636; Mammalian branch point binding protein mBBP; OTTHUMP00000069749; OTTHUMP00000069750; OTTHUMP00000069752; Splicing factor 1; Transcription factor ZFM1; ZFM1; Zinc finger gene in MEN1 locus; Zinc finger protein 162; ZNF162; anti-SF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-SF1 (Ser80/82) Antibody detects endogenous levels of SF1 only when phosphorylated at Ser80/82.
Purity/Purification	Peptide affinity purification
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	673
Applicable Applications for anti-SF1 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SF1 around the phosphorylation site of Ser80/82.
Conjugate	Unconjugated
Note	Important: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from various samples, using Phospho-SF1 Antibody. Lane 1: COS-7 uv treated, treated with blocking peptide; Lane 2: COS-7 uv treated; Lane 3: VERO heat shock treated; Lane 4: B16F10 serum starvation treated.



IHC (Immunohistochemistry)

At 1/100 staining human lung cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-SF1 antibody	Description: 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.
	Post Translational Modifications: Phosphorylation on Ser-20 interferes with U2AF2 binding and spliceosome assembly. Isoform 6 is phosphorylated on Ser-463.
	Subunit Structure: Binds U2AF2. Interacts with U1 snRNA. Binds EWSR1, FUS and TAF15. Interacts with RBM17.
	Similarity: Belongs to the BBP/SF1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	295842330
NCBI GeneID	7536
NCBI Accession #	NP_001171501.1
NCBI GenBank Nucleotide #	NP_001171501.1
UniProt Accession #	Q15637
Molecular Weight	68 kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sf1-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328520>