

Rabbit SF1 Polyclonal Antibody | anti-SF1 antibody

SF1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198844	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

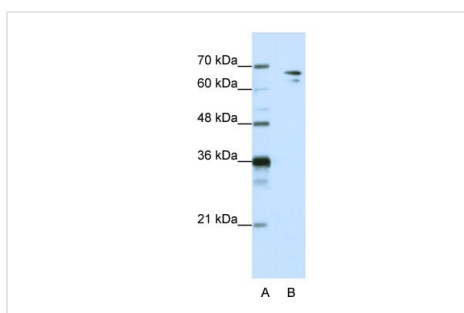
PRODUCT SYNONYMS

SF1; Polyclonal Antibody; SF1 antibody - N-terminal region; anti-SF1 antibody

PRODUCT SPECIFICATIONS

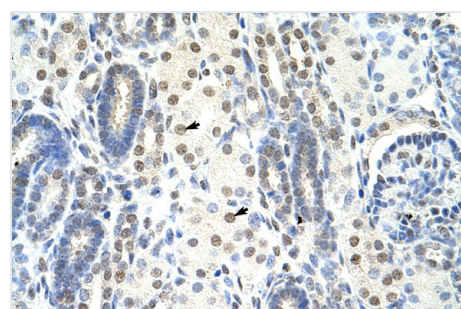
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: NA TPLDFPSKKR KRSRWNQDTM EQKTVIPGMP TVIPPGLTRE QERAYIVQ
Sequence Length	639
Applicable Applications for anti-SF1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SF1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



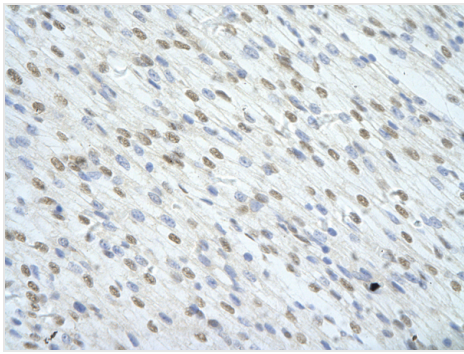
WB (Western Blot)

WB Suggested Anti-SF1 Antibody Titration: 1.25ug/ml
 ELISA Titer: 1:312500
 Positive Control: HepG2 cell lysate
 SF1 is supported by BioGPS gene expression data to be expressed in HepG2



IHC (Immunohistochemistry)

Rabbit Anti-SF1 Antibody
 Paraffin Embedded Tissue: Human Kidney
 Cellular Data: Epithelial cells of renal tubule
 Antibody Concentration: 4.0-8.0 ug/ml
 Magnification: 400X



IHC (Immunohistochemistry)
 Rabbit Anti-SF1 antibodyParaffin Embedded Tissue: Human Heart cell Cellular Data: cardiac cell of renal tubuleAntibody Concentration: 4.0-8.0 ug/mlMagnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-SF1 antibody	This is a rabbit polyclonal antibody against SF1. It was validated on Western Blot and immunohistochemistry Target Description: SF1 contains 1 KH domain and 1 CCHC-type zinc finger. It is necessary for the ATP-dependent first step of spliceosome assembly and binds to the intron branch point sequence (BPS) 5'-UACUAAAC-3' of the pre-mRNA. It may act as transcription repressor.
Product Categories/Family for anti-SF1 antibody	Polyclonal ; Transcription Factor ; RNA Binding Proteins ; Transcription Regulation ; Immunohistochemistry ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	42544130
NCBI GeneID	7536
NCBI Accession #	NP_004621
NCBI GenBank Nucleotide #	NM_004630
UniProt Accession #	Q15637
Molecular Weight	68kDa
NCBI Official Full Name	splicing factor 1 isoform 1
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.