

Rabbit SF1 Polyclonal Antibody | anti-SF1 antibody

SF1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198843	Rabbit	Tested: Human Predicted: Dog, Guinea Pig, Horse, Mouse, Rabbit	Western Blot

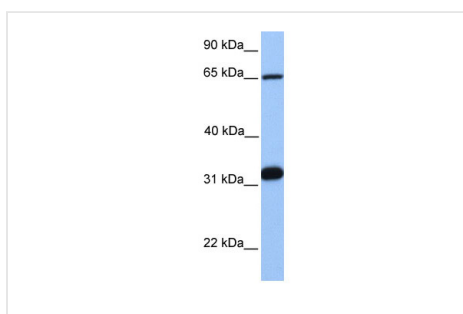
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human Predicted: Dog, Guinea Pig, Horse, Mouse, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide located within the following region: AP PPPPPPPPGS AGMMIPPRGG DGPSHESEDF PRPLVTLPRG QPQRPWW
Sequence Length	638
Applicable Applications for anti-SF1 antibody	WB (Western Blot)
Protein (#AA)	638 amino acids
Homology	Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C 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: 0.2-1 ug/ml
Positive Control: Jurkat cell lysate
SF1 is supported by BioGPS gene expression data to be expressed in Jurkat

ADDITIONAL INFORMATION

Related Product Information for anti-SF1 antibody	This is a rabbit polyclonal antibody against SF1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SF1 contains 1 CCHC-type zinc finger and 1 KH domain. SF1 is Necessary for the ATP-dependent first step of spliceosome assembly. It binds to the intron branch point sequence (BPS) 5'-UACUAAC-3' of the pre-mRNA. SF1 may act as transcription repressor.This gene encodes a member of the heat shock factor (HSF) family of transcriptional activators for heat shock proteins. This gene is a candidate gene for azoospermia, since it localizes to a region of chromosome Y that is sometimes deleted in infertile males. The genome has two identical copies of this gene within a palindromic region; this record represents the more centromeric copy. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Product Categories/Family for anti-SF1 antibody	Polyclonal; Transcription Factor; RNA Binding Proteins; Transcription Regulation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	42544125
NCBI GeneID	7536
NCBI Accession #	NP_973724
NCBI GenBank Nucleotide #	NM_201995
UniProt Accession #	Q15637
Molecular Weight	69kDa
NCBI Official Full Name	splicing factor 1 isoform 2
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.