

ARG67046
anti-SF1 antibody [SQab30309]Package: 100 µl
Store at: -20°C

Summary

Product Description	Recombinant rabbit Monoclonal antibody [SQab30309] recognizes SF1
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab30309
Isotype	IgG
Target Name	SF1
Species	Human
Immunogen	Recombinant protein of Human SF1.
Conjugation	Un-conjugated
Alternate Names	SF1, Splicing Factor 1, ZFM1, Zinc Finger Protein 162, ZCCHC25, ZNF162, Mammalian Branch Point-Binding Protein, Zinc Finger Gene In MEN1 Locus, Transcription Factor ZFM1, MBBP, BBP, D11S636

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Adrenocortical adenoma	

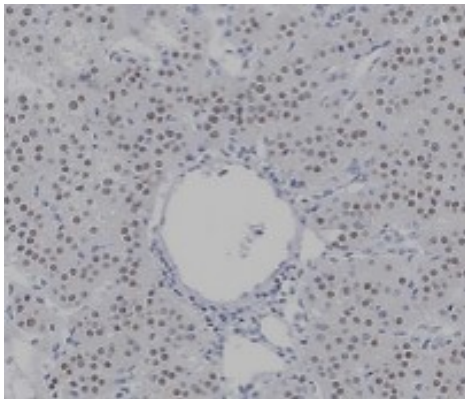
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05%BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05%BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	SF1
Gene Full Name	Splicing Factor 1
Background	This gene encodes a nuclear pre-mRNA splicing factor. The encoded protein specifically recognizes the intron branch point sequence at the 3' splice site, together with the large subunit of U2 auxiliary factor (U2AF), and is required for the early stages of spliceosome assembly. It also plays a role in nuclear pre-mRNA retention and transcriptional repression. The encoded protein contains an N-terminal U2AF ligand motif, a central hnRNP K homology motif and quaking 2 region which bind a key branch-site adenosine within the branch point sequence, a zinc knuckles domain, and a C-terminal proline-rich domain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2016]
Function	Necessary for the ATP-dependent first step of spliceosome assembly. Binds to the intron branch point sequence (BPS) 5'-UACU AAC-3' of the pre-mRNA. May act as transcription repressor. [UniProt]
Calculated Mw	68 kDa
PTM	Phosphorylation on Ser-20 interferes with U2AF2 binding and spliceosome assembly. Isoform 6 is phosphorylated on Ser-463. [UniProt]
Cellular Localization	Nucleus; Spliceosome

Images



ARG67046 anti-SF1 antibody [SQab30309] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded adrenocortical adenoma stained with adrenocortical adenoma ARG67046 anti-SF1 antibody [SQab30309].