



Splicing factor 1 rabbit pAb

Cat No.:ES3486

For research use only

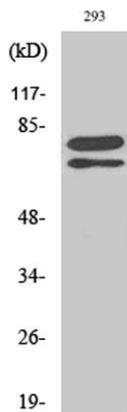
Overview

Product Name	Splicing factor 1 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human SF1. AA range:48-97
Specificity	Splicing factor 1 Polyclonal Antibody detects endogenous levels of Splicing factor 1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Splicing factor 1
Gene Name	SF1
Cellular localization	Nucleus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	68kD
Human Gene ID	7536
Human Swiss-Prot Number	Q15637
Alternative Names	SF1; ZFM1; ZNF162; Splicing factor 1; Mammalian branch point-binding protein; BBP; mBBP; Transcription factor ZFM1; Zinc finger gene in MEN1 locus; Zinc finger protein 162
Background	This gene encodes a nuclear pre-mRNA splicing factor. The encoded protein specifically recognizes the intron branch point sequence at the 3' splice



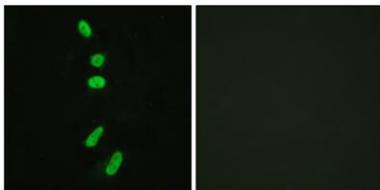


site, together with the large subunit of U2 auxiliary factor (U2AF), and is required for the early stages of spliceosome assembly. It also plays a role in nuclear pre-mRNA retention and transcriptional repression. The encoded protein contains an N-terminal U2AF ligand motif, a central hnRNP K homology 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],



Western Blot analysis of various cells using Splicing factor 1 Polyclonal Antibody diluted at 1:500

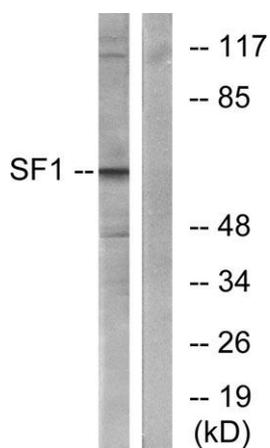
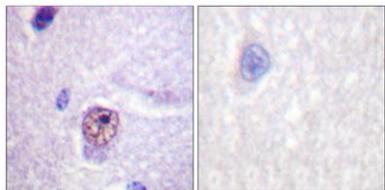
Immunofluorescence analysis of HeLa cells, using SF1 Antibody. The picture on the right is blocked with the synthesized peptide.





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Immunohistochemistry analysis of paraffin-embedded human brain tissue, using SF1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO205 cells, using SF1 Antibody. The lane on the right is blocked with the synthesized peptide.



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