

## Splicing factor 1(Phospho Ser82) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP01624
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human SF1 around the phosphorylation site of Ser82. AA range:48-97
<b>Mol wt</b>	68330
<b>Species reactivity</b>	Human, Mouse, Monkey
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ICC, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Splicing factor 1
<b>Synonyms</b>	Splicing factor 1; 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

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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.

### Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

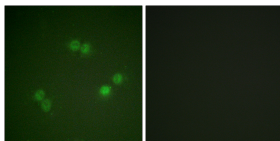
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

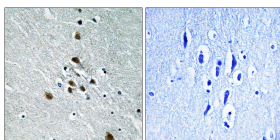
ELISA: 1: 5000

Not yet tested in other applications.

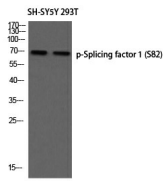
### Images



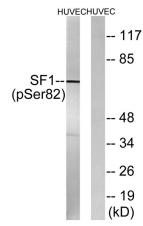
Immunofluorescence analysis of A549 cells, using SF1 (Phospho-Ser82) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using SF1 (Phospho-Ser82) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of SH-SY5Y 293T using p-Splicing factor 1 (S82) antibody. Antibody was diluted at 1:500



Western blot analysis of lysates from HUVEC cells treated with anisomycin 25ug/ml 30', using SF1 (Phospho-Ser82) Antibody. The lane on the right is blocked with the phospho peptide.

### Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)