

Splicing factor 1(Phospho Ser82) Polyclonal Antibody

Description

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

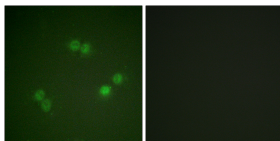
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

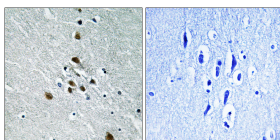
ELISA: 1: 5000

Not yet tested in other applications.

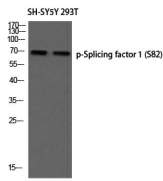
Images



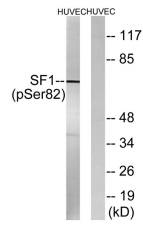
Immunofluorescence analysis of A549 cells, using SF1 (Phospho-Ser82) Antibody. The picture on the right is blocked with the phospho peptide.



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

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