

# SF1 (Phospho-Ser82) Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP52392

## Product Information

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<b>Application</b>	WB, IHC
<b>Primary Accession</b>	<a href="#">Q15637</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	68330

## Additional Information

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<b>Gene ID</b>	7536
<b>Other Names</b>	Splicing factor 1, Mammalian branch point-binding protein, BBP, mBBP, Transcription factor ZFM1, Zinc finger gene in MEN1 locus, Zinc finger protein 162, SF1, ZFM1, ZNF162
<b>Dilution</b>	WB~~1:1000 IHC~~1:50~100
<b>Format</b>	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	SF1
<b>Synonyms</b>	ZFM1, ZNF162
<b>Function</b>	Necessary for the ATP-dependent first step of spliceosome assembly. Binds to the intron branch point sequence (BPS) 5'-UACUAAC-3' of the pre-mRNA. May act as transcription repressor.
<b>Cellular Location</b>	Nucleus.
<b>Tissue Location</b>	Detected in lung, ovary, adrenal gland, colon, kidney, muscle, pancreas, thyroid, placenta, brain, liver and heart

## Background

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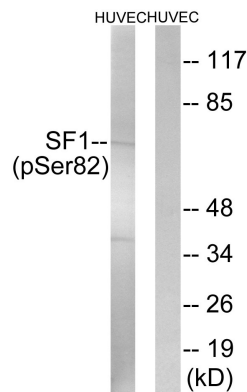
### References

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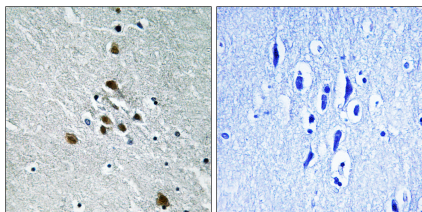
Arning S.,et al.RNA 2:794-810(1996).  
Caslini C.,et al.Genomics 42:268-277(1997).  
Toda T.,et al.Hum. Mol. Genet. 3:465-470(1994).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Taylor T.D.,et al.Nature 440:497-500(2006).

### Images

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Western blot analysis of extracts from HUVEC cells, treated with anisomycin (25ug/ml, 30mins), using SF1 (Phospho-Ser82) antibody.



Immunohistochemistry analysis of paraffin-embedded human brain tissue using SF1 (Phospho-Ser82) antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.