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SF1 (Phospho-Ser82) Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52392

Product Information

Application	WB, IHC
Primary Accession	Q15637
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68330

Additional Information

Gene ID	7536
Other Names	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
Dilution	WB~~1:1000 IHC~~1:50~100
Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20℃

Protein Information

Name	SF1
Synonyms	ZFM1, ZNF162
Function	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.
Cellular Location	Nucleus.
Tissue Location	Detected in lung, ovary, adrenal gland, colon, kidney, muscle, pancreas, thyroid, placenta, brain, liver and heart

Background

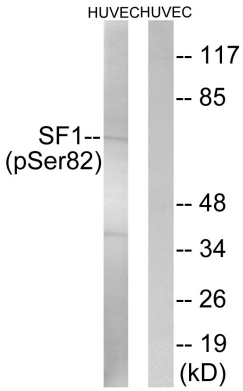
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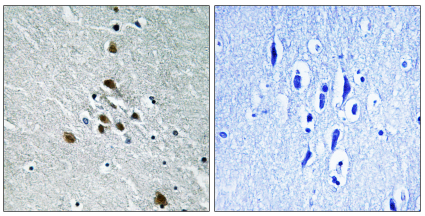
References

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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



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'.