

Product Name: Sp3/4 Rabbit Polyclonal Antibody
Catalog #: APRab18152



Summary

Production Name	Sp3/4 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	SP3/SP4
Alternative Names	SP3; Transcription factor Sp3; SPR-2; SP4; Transcription factor Sp4; SPR-1
Gene ID	6670/6671
SwissProt ID	Q02447/Q02446. The antiserum was produced against synthesized peptide derived from human SP3/4. AA range:671-720

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, IF-P/IF-F/ICC/IF 1:200-1:1000, ELISA 1:10000. Not yet tested in other applications.
Molecular Weight	82kDa

Background

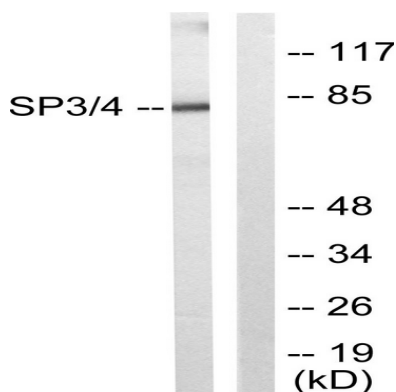
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This gene belongs to a family of Sp1 related genes that encode transcription factors that regulate transcription by binding to consensus GC- and GT-box regulatory elements in target genes. This protein contains a zinc finger DNA-binding domain and several transactivation domains, and has been reported to function as a bifunctional transcription factor that either stimulates or represses the transcription of numerous genes. Transcript variants encoding different isoforms have been described for this gene, and one has been reported to initiate translation from a non-AUG (AUA) start codon. Additional isoforms, resulting from the use of alternate downstream translation initiation sites, have also been noted. A related pseudogene has been identified on chromosome 13. [provided by RefSeq, Feb 2010],function:Transcriptional factor that can act as an activator or repressor, probably in a isoform-specific manner. Binds to GT and GC boxes promoters elements.,similarity:Belongs to the Sp1 C2H2-type zinc-finger protein family.,similarity:Contains 3 C2H2-type zinc fingers.,tissue specificity:Ubiquitously expressed.,

Research Area

Image Data



Western blot analysis of lysates from Jurkat cells, using SP3/4 Antibody. The lane on the right is blocked with the synthesized peptide.

Note

For research use only.