

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



## Summary

<b>Production Name</b>	Sp3/4 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

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

## Immunogen

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

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000. ELISA: 1:10000.
<b>Molecular Weight</b>	82kD

## Background

This gene belongs to a family of Sp1 related genes that encode transcription factors that regulate transcription by binding

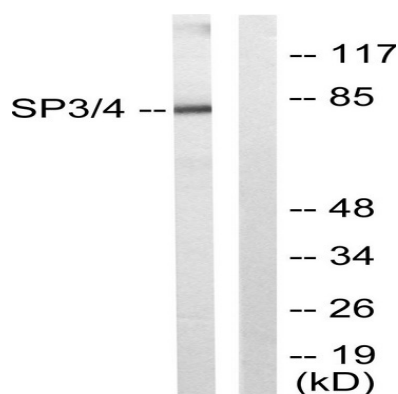
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to consensus GC- and GT-box regulatory elements in target genes. This protein contains a zinc finger DNA-binding domain and several transactivation domains, and has been reported to function as a bifunctional transcription factor that either stimulates 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.