

# SP3/4 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50751

## Product Information

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Application	WB
Primary Accession	<a href="#">Q02447</a>
Other Accession	<a href="#">Q02446</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	81925

## Additional Information

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Gene ID	6670
Other Names	Transcription factor Sp3, SPR-2, SP3
Dilution	WB~~1:1000
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°C

## Protein Information

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Name	SP3
Function	Transcriptional factor that can act as an activator or repressor depending on isoform and/or post-translational modifications. Binds to GT and GC boxes promoter elements. Competes with SP1 for the GC-box promoters. Weak activator of transcription but can activate a number of genes involved in different processes such as cell-cycle regulation, hormone-induction and house-keeping.
Cellular Location	Nucleus. Nucleus, PML body. Note=Localizes to the nuclear periphery and in nuclear dots when sumoylated. Some localization in PML nuclear bodies
Tissue Location	Ubiquitously expressed.

## Background

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## References

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Hernandez E.M.,et al.J. Biochem. Mol. Biol. 35:273-282(2002).

Moran K.M.,et al.Gene 341:235-247(2004).

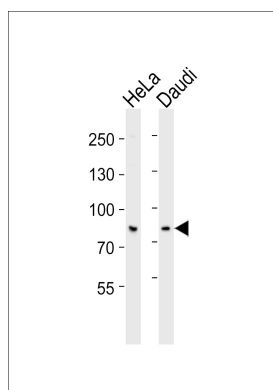
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Oleksiak M.F.,et al.Mol. Biol. Evol. 19:2026-2029(2002).

Meyer-Grahle U.,et al.Submitted (MAR-2001) to the EMBL/GenBank/DDBJ databases.

## Images

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Western blot analysis of lysates from HeLa,Daudi cell line (from left to right),using SP3/4 Antibody(AP50751). AP50751 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.

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