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SP3/4 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50751

Product Information

Application	WB
Primary Accession	Q02447
Other Accession	Q02446
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	81925

Additional Information

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℃

Protein Information

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

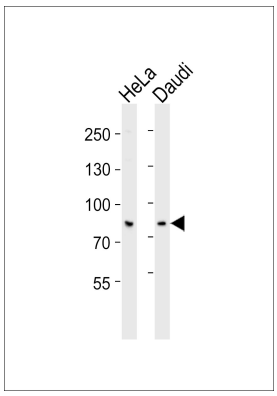
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References

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



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'.