

KD-Validated Anti-SP3 Mouse Oligoclonal Antibody

Mouse oligoclonal antibody

Catalog # AGI2227

Product Information

Application	WB
Primary Accession	Q02447
Reactivity	Rat, Human, Mouse
Clonality	Oligoclonal
Isotype	Mouse IgG
Calculated MW	81925
Gene Name	SP3
Aliases	SP3; Sp3 Transcription Factor; SPR-2; Transcription Factor Sp3; GC-Binding Transcription Factor Sp3; Specificity Protein 3; SPR2
Immunogen	Recombinant protein of human SP3

Additional Information

Gene ID	6670
Other Names	Transcription factor Sp3, SPR-2, SP3

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.

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