



Anti-SP3 polyclonal antibody (DPAB-DC882)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene product belongs to a family of Sp1 related transcription factors, which 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 transcription of numerous genes. Alternative splicing results in transcript variants encoding different isoforms, and one variant initiates translation from a non-AUG (AUA) codon.
Specificity	This antibody detects ~86-100 KDa Sp3.
Immunogen	A synthetic peptide corresponding to residues surrounding amino acids 766 of mouse Sp3.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	100 µg
Buffer	In PBS, pH 7.2 (30% glycerol, 0.5 mg/mL BSA, 0.01% thimerosal)
Preservative	None
Storage	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Sp3 trans-acting transcription factor 3 [Mus musculus (house mouse)]
Official Symbol	SP3
Synonyms	SP3; trans-acting transcription factor 3; D130027J01Rik; transcription factor Sp3;
Entrez Gene ID	20687
Protein Refseq	NP_001018052
UniProt ID	O70494
Chromosome Location	2 C3; 2
Pathway	PluriNetWork;
Function	DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in negative regulation of transcription; RNA polymerase II core promoter sequence-specific DNA binding; chromatin binding