



Human SP1 blocking peptide (CDBP2788)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SP1 antibody
Antigen Description	The protein encoded by this gene is a zinc finger transcription factor that binds to GC-rich motifs of many promoters. The encoded protein is involved in many cellular processes, including cell differentiation, cell growth, apoptosis, immune responses, response to DNA damage, and chromatin remodeling. Post-translational modifications such as phosphorylation, acetylation, glycosylation, and proteolytic processing significantly affect the activity of this protein, which can be an activator or a repressor. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SP1 Sp1 transcription factor [Homo sapiens]
Official Symbol	SP1
Synonyms	SP1; Sp1 transcription factor; transcription factor Sp1; specificity protein 1;

Entrez Gene ID	6667
mRNA Refseq	NM_001251825
Protein Refseq	NP_001238754
UniProt ID	P08047
Chromosome Location	12q13.1
Pathway	Adipogenesis, organism-specific biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; C-MYB transcription factor network, organism-specific biosystem; Direct p53 effectors, organism-specific biosystem; E2F transcription factor network, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Estrogen signaling pathway, organism-specific biosystem;
Function	DNA binding; HMG box domain binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation