



Human Spred1 blocking peptide (CDBP2801)

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

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-Spred1 antibody
Antigen Description	The protein encoded by this gene is a member of the Sprouty family of proteins and is phosphorylated by tyrosine kinase in response to several growth factors. The encoded protein can act as a homodimer or as a heterodimer with SPRED2 to regulate activation of the MAP kinase cascade. Defects in this gene are a cause of neurofibromatosis type 1-like syndrome (NFLS). [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 µg/ml
Size	50 µg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20°C, stable for one year.

GENE INFORMATION

Gene Name	SPRED1 sprouty-related, EVH1 domain containing 1 [Homo sapiens]
Official Symbol	Spred1

Synonyms	SPRED1; sprouty-related, EVH1 domain containing 1; sprouty-related, EVH1 domain-containing protein 1; FLJ33903; hSpred1; spread-1; suppressor of Ras/MAPK activation; EVH1/Sprouty domain containing protein; NFLS;
Entrez Gene ID	161742
mRNA Refseq	NM_152594
Protein Refseq	NP_689807
UniProt ID	Q7Z699
Chromosome Location	15q14
Pathway	Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem; Kit Receptor Signaling Pathway, organism-specific biosystem; Signaling events mediated by Stem cell factor receptor (c-Kit), organism-specific biosystem;
Function	phosphatase binding; protein binding; stem cell factor receptor binding;