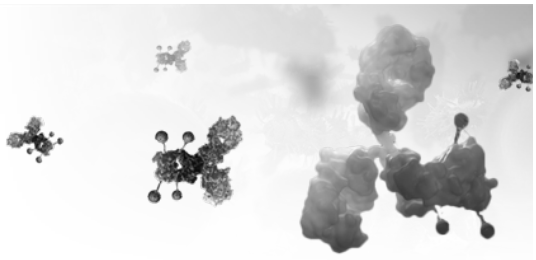

Human REV1 blocking peptide (CDBP2509)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-REV1L antibody
Antigen Description	This gene encodes a protein with similarity to the S. cerevisiae mutagenesis protein Rev1. The Rev1 proteins contain a BRCT domain, which is important in protein-protein interactions. A suggested role for the human Rev1-like protein is as a scaffold that recruits DNA polymerases involved in translesion synthesis (TLS) of damaged DNA. Two alternatively spliced transcript variants that encode different proteins have been found. [provided by RefSeq, Jul 2008]
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	REV1 REV1 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	REV1
Synonyms	REV1; REV1 homolog (S. cerevisiae); REV1 (yeast homolog) like , REV1 like (yeast) , REV1L; DNA repair protein REV1; AIBP80; REV1- like; alpha integrin-binding protein 80; rev1-like terminal deoxycytidyl transferase; REV1L; FLJ21523; MGC26225; MGC163283;

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Entrez Gene ID	51455
mRNA Refseq	NM_001037872
Protein Refseq	NP_001032961
UniProt ID	Q9UBZ9
Chromosome Location	2q11.1-q11.2
Pathway	DNA Damage Bypass, organism-specific biosystem; DNA Repair, organism-specific biosystem; Fanconi anemia pathway, organism-specific biosystem; Fanconi anemia pathway, conserved biosystem; Translesion synthesis by DNA polymerases bypassing lesion on DNA template, organism-specific biosystem; Translesion synthesis by HREV1, organism-specific biosystem;
Function	DNA-directed DNA polymerase activity; damaged DNA binding; deoxycytidyl transferase activity; magnesium ion binding; protein binding; transferase activity;

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