



Human RAD51D blocking peptide (CDBP2460)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-RAD51D/RAD51L3 antibody
Antigen Description	The protein encoded by this gene is a member of the RAD51 protein family. RAD51 family members are highly similar to bacterial RecA and <i>Saccharomyces cerevisiae</i> Rad51, which are known to be involved in the homologous recombination and repair of DNA. This protein forms a complex with several other members of the RAD51 family, including RAD51L1, RAD51L2, and XRCC2. The protein complex formed with this protein has been shown to catalyze homologous pairing between single- and double-stranded DNA, and is thought to play a role in the early stage of recombinational repair of DNA. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the downstream ring finger and FYVE-like domain containing 1 (RFFL) gene. [provided by RefSeq, Jan 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	RAD51D RAD51 homolog D (S. cerevisiae) [Homo sapiens]
Official Symbol	RAD51D

Synonyms	RAD51D; RAD51 homolog D (S. cerevisiae); RAD51 (S. cerevisiae) like 3 , RAD51 like 3 (S. cerevisiae) , RAD51L3; DNA repair protein RAD51 homolog 4; HsTRAD; R51H3; recombination repair protein; Trad; RAD51-like protein 3; TRAD; BROVCA4; RAD51L3;
Entrez Gene ID	5892
mRNA Refseq	NM_001142571
Protein Refseq	NP_001136043
UniProt ID	O75771
Chromosome Location	17q11
Pathway	Homologous recombination, organism-specific biosystem; Homologous recombination, conserved biosystem;
Function	ATP binding; DNA binding; DNA-dependent ATPase activity; nucleoside-triphosphatase activity; nucleotide binding; protein binding;