



Human EXO1 blocking peptide (CDBP1170)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-EXO1 antibody
Antigen Description	This gene encodes a protein with 5' to 3' exonuclease activity as well as an RNase H activity. It is similar to the <i>Saccharomyces cerevisiae</i> protein Exo1 which interacts with Msh2 and which is involved in mismatch repair and recombination. Alternative splicing of this gene results in three transcript variants encoding two different isoforms. [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	EXO1 exonuclease 1 [Homo sapiens]
Official Symbol	EXO1
Synonyms	EXO1; exonuclease 1; HEX1; hExol; rad2 nuclease family member; homolog of <i>S. cerevisiae</i> exonuclease 1; hExo1; rad2 nuclease family member, homolog of <i>S. cerevisiae</i> exonuclease 1;
Entrez Gene ID	9156

mRNA Refseq	NM_003686
Protein Refseq	NP_003677
UniProt ID	Q9UQ84
Chromosome Location	1q42-q43
Pathway	Mismatch repair, organism-specific biosystem; Mismatch repair, conserved biosystem;
Function	5'-3' exodeoxyribonuclease activity; 5'-3' exonuclease activity; DNA binding; double-stranded DNA specific 5'-3' exodeoxyribonuclease activity; endonuclease activity; exonuclease activity; exonuclease activity; flap endonuclease activity; metal ion binding; pro
