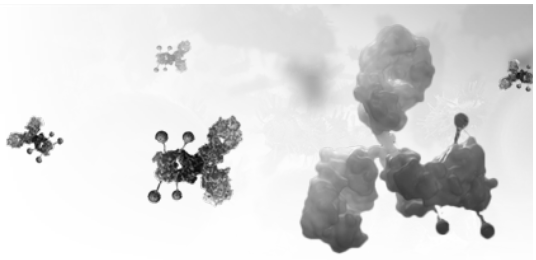

Human UPF3A blocking peptide (CDBP3136)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-UPF3A/RENT3A antibody
Antigen Description	This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. The encoded protein is one of two functional homologs to yeast Upf3p. mRNA surveillance detects exported mRNAs with truncated open reading frames and initiates nonsense-mediated mRNA decay (NMD). When translation ends upstream from the last exon-exon junction, this triggers NMD to degrade mRNAs containing premature stop codons. This protein binds to the mRNA and remains bound after nuclear export, acting as a nucleocytoplasmic shuttling protein. It forms with Y14 a complex that binds specifically 20 nt upstream of exon-exon junctions. This gene is located on the long arm of chromosome 13. Two splice variants encoding different isoforms have been found for this gene. [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	UPF3A UPF3 regulator of nonsense transcripts homolog A (yeast) [Homo sapiens]

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Official Symbol	UPF3A
Synonyms	UPF3A; UPF3 regulator of nonsense transcripts homolog A (yeast); regulator of nonsense transcripts 3A; HUPF3A; RENT3A; UPF3; hUpf3; nonsense mRNA reducing factor 3A; up-frameshift suppressor 3 homolog A; FLJ35267; FLJ57970;
Entrez Gene ID	65110
mRNA Refseq	NM_023011
Protein Refseq	NP_075387
UniProt ID	Q9H1J1
Chromosome Location	13q34
Pathway	Exon junction complex (EJC), organism-specific biosystem; Gene Expression, organism-specific biosystem; Nonsense Mediated Decay Enhanced by the Exon Junction Complex, organism-specific biosystem; Nonsense-Mediated Decay, organism-specific biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; mRNA surveillance pathway, organism-specific biosystem;
Function	RNA binding; nucleocytoplasmic transporter activity; nucleotide binding; protein binding;

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