



Human APOBEC1 blocking peptide (CDBP0434)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-APOBEC1 antibody
Antigen Description	This gene encodes a member of the cytidine deaminase enzyme family. The encoded protein forms a multiple-protein editing holoenzyme with APOBEC1 complementation factor (ACF) and APOBEC1 stimulating protein (ASP). This holoenzyme is involved in the editing of C-to-U nucleotide bases in apolipoprotein B and neurofibromatosis-1 mRNAs.
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	APOBEC1 apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1 [Homo sapiens]
Official Symbol	APOBEC1
Synonyms	APOBEC1; apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1; C->U-editing enzyme APOBEC-1; APOBEC 1; BEDP; CDAR1; HEPR; C-> U-editing enzyme APOBEC-1;

apolipoprotein B mRNA-editing enzyme 1; apolipoprotein B mRNA editing enzyme complex-1;
APOBEC-1;

Entrez Gene ID	339
mRNA Refseq	NM_001644
Protein Refseq	NP_001635
UniProt ID	P41238
Chromosome Location	12p13.1
Pathway	Formation of the Editosome, organism-specific biosystem; Gene Expression, organism-specific biosystem; mRNA Editing, organism-specific biosystem; mRNA Editing: C to U Conversion, organism-specific biosystem;
Function	AU-rich element binding; RNA binding; cytidine deaminase activity; hydrolase activity; metal ion binding; zinc ion binding;
