



# Human APOBEC3A blocking peptide (CDBP2288)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-Phorbolin 1/APOBEC3A antibody
<b>Antigen Description</b>	This gene is a member of the cytidine deaminase gene family. It is one of seven related genes or pseudogenes found in a cluster, thought to result from gene duplication, on chromosome 22. Members of the cluster encode proteins that are structurally and functionally related to the C to U RNA-editing cytidine deaminase APOBEC1. The protein encoded by this gene lacks the zinc binding activity of other family members. The protein plays a role in immunity, by restricting transmission of foreign DNA such as viruses. One mechanism of foreign DNA restriction is deamination of foreign double-stranded DNA cytidines to uridines, which leads to DNA degradation. However, other mechanisms are also thought to be involved, as anti-viral effect is not dependent on deaminase activity. Two transcript variants encoding different isoforms have been found for this gene.
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">APOBEC3A apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3A [ Homo sapiens ]</a>
<b>Official Symbol</b>	APOBEC3A
<b>Synonyms</b>	APOBEC3A; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3A; ARP3; phorbolin I; PHRBN;
<b>Entrez Gene ID</b>	<a href="#">140561</a>
<b>UniProt ID</b>	P31941
<b>Chromosome Location</b>	22q13.1-q13.2