



# Human APOL1 blocking peptide (CDBP0444)

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-APOL1 antibody
<b>Antigen Description</b>	This gene encodes a secreted high density lipoprotein which binds to apolipoprotein A-I. Apolipoprotein A-I is a relatively abundant plasma protein and is the major apoprotein of HDL. It is involved in the formation of most cholesteryl esters in plasma and also promotes efflux of cholesterol from cells. This apolipoprotein L family member may play a role in lipid exchange and transport throughout the body, as well as in reverse cholesterol transport from peripheral cells to the liver. Several different 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="#">APOL1 apolipoprotein L, 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	APOL1
<b>Synonyms</b>	APOL1; apolipoprotein L, 1; APOL; apolipoprotein L1; APO-L; FSGS4; APOL-I;

<b>Entrez Gene ID</b>	<a href="#">8542</a>
<b>mRNA Refseq</b>	<a href="#">NM_001136540</a>
<b>Protein Refseq</b>	<a href="#">NP_001130012</a>
<b>UniProt ID</b>	O14791
<b>Chromosome Location</b>	22q13.1
<b>Pathway</b>	African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem;
<b>Function</b>	chloride channel activity; lipid binding; protein binding;