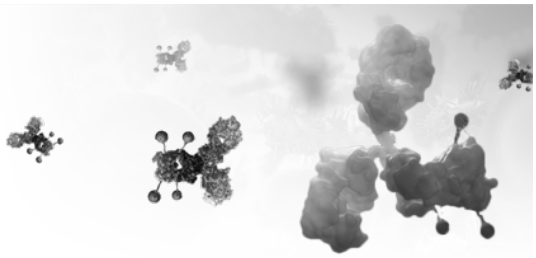

Human APOA5 blocking peptide (CDBP0431)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-APOA5 antibody
Antigen Description	The protein encoded by this gene is an apolipoprotein that plays an important role in regulating the plasma triglyceride levels, a major risk factor for coronary artery disease. It is a component of high density lipoprotein and is highly similar to a rat protein that is upregulated in response to liver injury. Mutations in this gene have been associated with hypertriglyceridemia and hyperlipoproteinemia type 5. This gene is located proximal to the apolipoprotein gene cluster on chromosome 11q23. Alternatively spliced transcript variants encoding the same protein have been identified.
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	APOA5 apolipoprotein A-V [Homo sapiens]
Official Symbol	APOA5
Synonyms	APOA5; apolipoprotein A-V; APOA V; RAP3; apo-AV; apolipoprotein A5; regeneration-

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	associated protein 3; APOAV; FLJ97995; MGC126836; MGC126838;
Entrez Gene ID	116519
mRNA Refseq	NM_001166598
Protein Refseq	NP_001160070
UniProt ID	Q6Q788
Chromosome Location	11q23
Pathway	Chylomicron-mediated lipid transport, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem;
Function	enzyme activator activity; enzyme binding; heparin binding; contributes_to heparin binding; lipase activator activity; lipid binding; lipoprotein lipase activator activity; lipoprotein particle receptor binding; low-density lipoprotein particle receptor b

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