



Mouse APOA4 blocking peptide (CDBP0451)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-apolipoprotein A-IV (mouse) antibody
Antigen Description	Apolipoprotein (apo) A-IV gene contains 3 exons separated by two introns. A sequence polymorphism has been identified in the 3'UTR of the third exon. The primary translation product is a 396-residue preprotein which after proteolytic processing is secreted its primary site of synthesis, the intestine, in association with chylomicron particles. Although its precise function is not known, apo A-IV is a potent activator of lecithin-cholesterol acyltransferase in vitro.
Species	Mouse
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	APOA4 apolipoprotein A-IV [Homo sapiens]
Official Symbol	APOA4
Synonyms	APOA4; apolipoprotein A-IV; apo-AIV; apoA-IV; apolipoprotein A4; MGC142154; MGC142156;
Entrez Gene ID	337

mRNA Refseq	NM_000482
Protein Refseq	NP_000473
UniProt ID	P06727
Chromosome Location	11q23-qter
Pathway	Amyloids, organism-specific biosystem; Chylomicron-mediated lipid transport, organism-specific biosystem; Disease, organism-specific biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem;
Function	antioxidant activity; cholesterol transporter activity; copper ion binding; contributes_to eukaryotic cell surface binding; lipid binding; lipid transporter activity; phosphatidylcholine binding; phosphatidylcholine-sterol O-acyltransferase activator acti