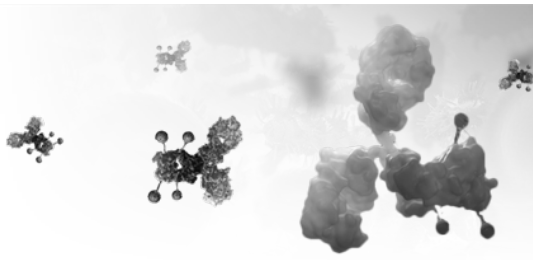

Anti-APOE polyclonal antibody (CPBT-66775GH)

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

PRODUCT INFORMATION

Product Overview	This product recognises human Apolipoprotein E (Apo-E) a protein produced in most organs and secreted into the plasma. Apo-E mediates the binding, internalization, and catabolism of lipoprotein particles. It can serve as a ligand for the LDL (apo B/E) receptor and for the specific apo-E receptor (chylomicron remnant) of hepatic tissues. Apolipoprotein E is the principle apolipoprotein in the central nervous system and has been reported to be implicated in Alzheimers disease. This reagent is available in bulk quantities and may be made available in other formats. Please enquire for further details.
Specificity	APOE
Immunogen	Purified human Apolipoprotein E
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Conjugate	Unconjugated
Applications	Turbidimetry
Format	Serum - liquid
Size	1 ml
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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GENE INFORMATION

Gene Name	APOE apolipoprotein E [Homo sapiens (human)]
Official Symbol	APOE
Synonyms	APOE; apolipoprotein E; AD2; LPG; APO-E; LDLCQ5; apolipoprotein E3;
Entrez Gene ID	348
Protein Refseq	NP_000032
UniProt ID	P02649
Chromosome Location	19q13.2
Pathway	Alzheimers disease; Alzheimers Disease; Binding and Uptake of Ligands by Scavenger Receptors; Chylomicron-mediated lipid transport; Disease; Diseases associated with visual transduction; HDL-mediated lipid transport; Lipid digestion, mobilization, and transport;
Function	antioxidant activity; beta-amyloid binding; cholesterol binding; cholesterol transporter activity; heparin binding; hydroxyapatite binding; identical protein binding; lipid binding; lipid transporter activity; lipoprotein particle binding; low-density lipoprotein particle receptor binding; metal chelating activity; phosphatidylcholine-sterol O-acyltransferase activator activity; phospholipid binding; protein binding; protein homodimerization activity; tau protein binding; very-low-density lipoprotein particle receptor binding;

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