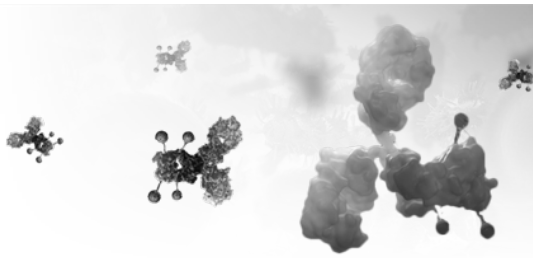

Anti-APOE (native) polyclonal antibody (CPBT-65869GH)

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

PRODUCT INFORMATION

Product Overview	This product recognises apolipoprotein E, occurring in all lipoprotein fractions in plasma. It mediates the binding, internalisation and catabolism of lipoprotein particles. It also serves as a ligand for LDL receptor and for the specific apo-E receptor of hepatic tissues.
Specificity	APOE
Immunogen	Native human apolipoprotein E
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA
Format	Serum - liquid
Size	1 ml
Preservative	0.01% 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.

GENE INFORMATION

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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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