Goat Polyclonal Antibody to human Apolipoprotein E (ApoE): Affinity purified

Catalogue No.:	G-1784-100
Description:	Apolipoprotein E (ApoE) is a lipoprotein involved in fat metabolism and acts as cholesterol carrier between cells and across tissues. On a genetic level, three APOE alleles are described, APOE2, APOE3 and APOE4. These alleles give rise to six APOE isoforms, which are differentially implicated in various diseases. In the peripheral system, APOE4 is linked to increased risk of atherosclerosis. In the CNS, the ability of APOE4 in clearing beta-amyloid is impaired, while APOE3 and APOE2 are more efficient in performing this task. The APOE4 genotype in particular has been linked to increased risk for developing Alzheimer's Disease.
Batch No.:	See product label
Unit size:	100 µg
Antigen:	Recombinant human Apolipoprotein E
Antibody Type:	Polyclonal
Accession:	P02649 APOE_HUMAN
Produced in:	Goat
Purity:	Affinty purified.
Applications:	ELISA (0.1-1 µg/mL). Other applications not tested as yet. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	Human. Species cross-reactivity not tested.
Form:	Lyophilized from a solution containing 50 mM Tris, pH 7.5, 0.4 M NaCl, 0.01 M EDTA, 3% trehalose, 0.07% sodium azide.
Reconstitution:	Reconstitute in 100 µL of sterile-filtered water. Centrifuge to remove any insoluble material.
Storage:	Store lyophilized antibody at 2-8°C. After reconstitution keep aliquots at -20°C to -80°C for higher stability. Avoid repetitive freeze/thaw cycles.
Expiry Date:	12 months after purchase if unopened.

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