

Datasheet

APOE polyclonal antibody (HRP)

Catalog Number: PAB14378

Regulation Status: For research use only (RUO)

Product Description: Goat polyclonal antibody raised against native APOE.

Immunogen: Native purified human APOE.

Host: Goat

Reactivity: Human

Applications: ELISA, WB

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody can be used for detection of APOE in plasma and Lipoproteins.

Form: Lyophilized

Conjugation: HRP

Recommend Usage: ELISA (1:100-1:4000)

Western Blot (1:100-1:3000)

The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from 50 mM PBS, 0.1 M NaCl, pH 7.4 and 0.01% thimerosal.

Storage Instruction: Store at -20°C on dry atmosphere. After reconstitution with 500 uL deionized water, store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 348

Gene Symbol: APOE

Gene Alias: AD2, LPG, MGC1571, apoprotein

Gene Summary: Chylomicron remnants and very low

density lipoprotein (VLDL) remnants are rapidly removed from the circulation by receptor-mediated endocytosis in the liver. Apolipoprotein E, a main apoprotein of the chylomicron, binds to a specific receptor on liver cells and peripheral cells. ApoE is essential for the normal catabolism of triglyceride-rich lipoprotein constituents. The APOE gene is mapped to chromosome 19 in a cluster with APOC1 and APOC2. Defects in apolipoprotein E result in familial dysbetalipoproteinemia, or type III hyperlipoproteinemia (HLP III), in which increased plasma cholesterol and triglycerides are the consequence of impaired clearance of chylomicron and VLDL remnants. [provided by RefSeq]