

Datasheet for ABIN6991857 **anti-APOE antibody (C-Term)**

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Overview

Quantity:	0.1 mg
Target:	APOE
Binding Specificity:	AA 220-270, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOE antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	APO-E antibody was raised against a 19 amino acid peptide near the carboxy terminus of human APO-E. The immunogen is located within amino acids 220 - 270 of APO-E.
Isotype:	IgG
Purification:	APO-E Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	APOE
Alternative Name:	APO-E (APOE Products)
Background:	APO-E Antibody: Chylomicron remnants and very low density lipoprotein (VLDL) remnants are rapidly removed from the circulation by receptor-mediated endocytosis in the liver.

Target Details

Apolipoprotein E (APO-E), a main apoprotein of the chylomicron, binds to a specific receptor on liver cells and peripheral cells and is essential for the normal catabolism of triglyceride-rich lipoprotein constituents. Defects in APO-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.

Molecular Weight: Predicted: 35 kDa

Observed: 34 kDa

Gene ID: 348

NCBI Accession: [NP_000032](#)

UniProt: [P02649](#)

Pathways: [Regulation of Cell Size, Lipid Metabolism](#)

Application Details

Application Notes: APO-E antibody can be used for detection of APO-E by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human and mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: APO-E Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Handling

Storage Comment: APO-E antibody can be stored at 4°C for three months and -20°C, stable for up to one year.