

Datasheet for ABIN359760
anti-APOE antibody (C-Term)



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2 Images

Overview

Quantity:	0.4 mL
Target:	APOE
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOE antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of Human APOE.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Apolipoprotein E (Apo E) at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	APOE
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Target Details

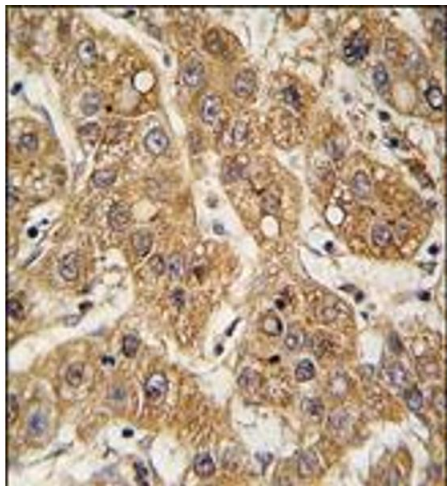
Alternative Name:	Apolipoprotein E (Apo E) (APOE Products)
Background:	Chylomicron remnants and very low density lipoprotein (VLDL) remnants are rapidly removed from the circulation by receptor-mediated endocytosis in the liver. Apolipoprotein E, a main apoprotein of the chylomicron, binds to a specific 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. Synonyms: Apo-E, ApoE
Gene ID:	348, 9606
UniProt:	P02649
Pathways:	Regulation of Cell Size, Lipid Metabolism

Application Details

Application Notes:	ELISA: 1/1,000. Western blot: 1/50-1/100. Immunohistochemistry on paraffin sections: 1/10-1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

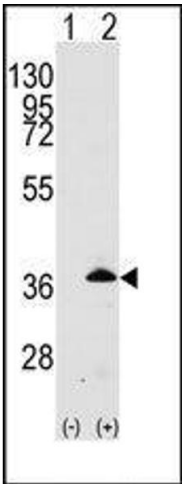
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. AP14244PU-N Apolipoprotein E antibody staining of Formalin-Fixed, Paraffin-Embedded Human Hepatocarcinoma tissue which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Western Blotting

Image 2. Western blot: Apolipoprotein E antibody staining of 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the APOE gene (Lane 2).