

Datasheet for ABIN3029996
anti-APOE antibody (AA 19-317)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	APOE
Binding Specificity:	AA 19-317
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOE antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Human partial recombinant protein (AA 19-317) was used as the immunogen for this ApoE antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	APOE
Alternative Name:	ApoE (APOE Products)
Background:	Apolipoprotein E, also known as AD2 or LPG, is a major apoprotein of the chylomicron. It binds to a specific liver and peripheral cell receptor, and is essential for the normal catabolism of triglyceride-rich lipoprotein constituents. The gene maps to chromosome 19 in a cluster with

Target Details

the related apolipoprotein C1 and C2 genes. Mutations in ApoE 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. Alternative splicing results in multiple ApoE transcript variants.

Gene ID: 348

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

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the ApoE antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,ELISA (Capture, recombinant human protein): 0.1-0.5 µg/mL

Restrictions: For Research Use only

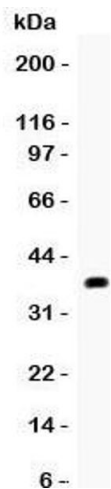
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

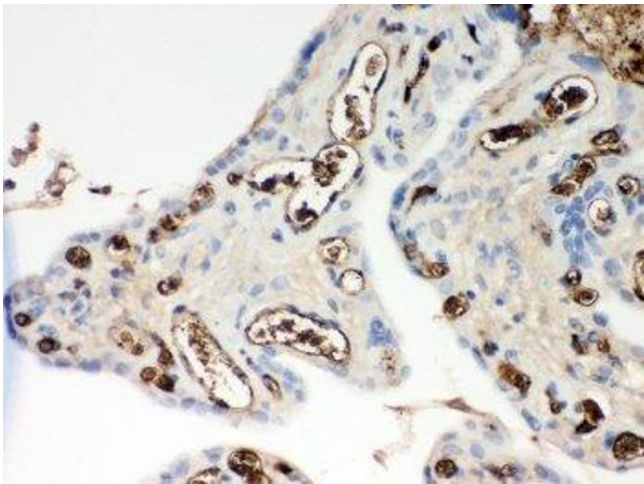
Storage Comment: After reconstitution, the ApoE antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



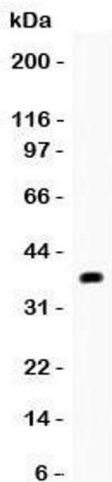
Western Blotting

Image 1. Western blot testing of ApoE antibody and human placenta lysate. Predicted molecular weight: 34-37 kDa



Immunohistochemistry

Image 2. IHC-P: ApoE antibody testing of human placenta tissue



Western Blotting

Image 3. Western blot testing of ApoE antibody and human placenta lysate. Predicted molecular weight: 34-37 kDa