Datasheet for ABIN7144427

anti-APOE antibody (AA 21-110)

2 Images

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Overview

Quantity:	100 µg
Target:	APOE
Binding Specificity:	AA 21-110
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOE antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Apolipoprotein E protein (21-110AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	APOE
Alternative Name:	APOE (APOE Products)
Background:	Background: Mediates the binding, internalization, and catabolism of lipoprotein particles. It can serve as a ligand for the LDL (apo B/E) receptor and for the specific apo-E receptor

Target Details

	(chylomicron remnant) of hepatic tissues. Aliases: AD2 antibody, Apo-E antibody, APOE antibody, APOE_HUMAN antibody, APOEA antibody, Apolipoprotein E antibody, Apolipoprotein E3 antibody, ApolipoproteinE antibody, Apoprotein antibody, LDLCQ5 antibody, LPG antibody
UniProt:	P02649
Pathways:	Regulation of Cell Size, Lipid Metabolism

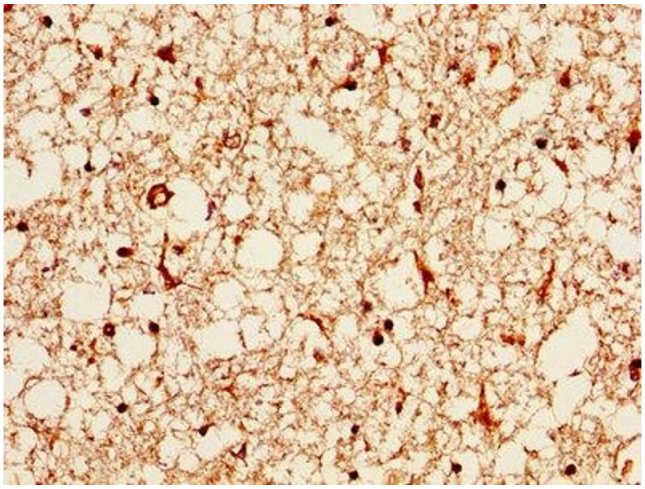
Application Details

Application Notes:	Recommended dilution: IHC:1:1000-1:2000, IF:1:200-1:500,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

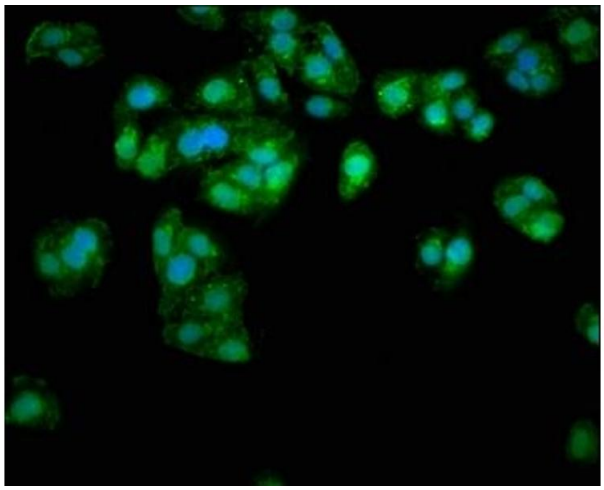
Images



Immunohistochemistry

Image 1. IHC image of ABIN7144427 diluted at 1:1000 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and

visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of HepG2 cells with ABIN7144427 at 1:333, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).