

Datasheet for ABIN7449331 **anti-APOE antibody (Biotin)**

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Overview

Quantity:	0.5 mg
Target:	APOE
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This APOE antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Goat anti-Human Apo E [B10] Antibody Biotin Conjugated
Immunogen:	Human Apolipoprotein E
Clone:	B10
Isotype:	IgG

Target Details

Target:	APOE
Alternative Name:	ApoE (APOE Products)
Background:	Background: Apo E contains 299 amino acid residues. It is a 34-37 kDa glycosylated protein (Rall et al., 1983). Apo E is involved with triglyceride, phospholipid, cholesteryl ester, and cholesterol transport in and out of cells and is a ligand for LDL receptors. Apo E has also been implicated in immune and nerve degeneration. It has been found to suppress lymphocyte

Target Details

proliferation. Late-onset familial and sporadic Alzheimer disease patients have been found to have a higher occurrence of one of the three common Apo E isoforms, Apo E4. The Apo E4 isoform has been detected in senile plaques and neurofibrillary tangles of Alzheimer disease patients. Apo E4 is associated with rapid chylomicron-remnant clearance and increased total cholesterol levels.

Gene ID: 348

NCBI Accession: [NP_000032](#)

UniProt: [P02649](#)

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

Application Details

Application Notes: WB: 1:1,000 - 1:8,000
ELISA: 1:1,000 - 1:8,000

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: 75 mM Sodium Phosphate, 75 mM NaCl, 0.5 mM EDTA, 0.02 % Sodium azide, pH 7.2

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: 4 °C

Expiry Date: 12 months