

Datasheet for ABIN7449332 **anti-APOE antibody (HRP)**



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Overview

Quantity:	1 mg
Target:	APOE
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This APOE antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Goat anti-Human Apo E [H10] Antibody HRP Conjugated
Immunogen:	Human Apolipoprotein E
Clone:	H10
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
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Restrictions:	For Research Use only
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Handling

Concentration:	1 mg/mL
Buffer:	50 mM PBS, 0.1 M NaCl, and 0.01 % Thiomersal, pH 7.4
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months