

Datasheet for ABIN965570 **anti-APOA5 antibody (N-Term)**



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Overview

Quantity:	0.1 mg
Target:	APOA5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOA5 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human APOA5 (Apolipoprotein A-V precursor)
Purification:	Purified by antigen-specific affinity chromatography.

Target Details

Target:	APOA5
Alternative Name:	APOA5 (APOA5 Products)
Background:	APOA5(Apolipoprotein A-V) is a minor apolipoprotein mainly associated with HDL and to a lesser extent with VLDL. APOA5 may also be associated with chylomicrons. APOA5 is an important determinant of plasma triglyceride (TG) levels by both being a potent stimulator of apo-CII lipoprotein lipase (LPL) TG hydrolysis and a inhibitor of the hepatic VLDLTG production

Target Details

rate (without affecting the VLDL-apoB production rate). Three common alleles are known: allele APOA5*1, APOA5*2 and APOA5*3. The APOA5*2 haplotype, which consists of 3 non-coding SNPs, is present in approximately 16% of Caucasians and is associated with increased plasma triglyceride concentrations. APOA5*3 haplotype is defined by the rare Ser-19-Trp substitution. Together, the APOA5*2 and APOA5*3 haplotypes are found in 25 to 50% of African Americans, Hispanics, and Caucasians.

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#), [Lipid Metabolism](#)

Application Details

Application Notes: ELISA, Western blotting: 1µg/ml for 2hrs.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: This antibody is stored in PBS, 50% glycerol

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: -20 °C