

Apolipoprotein C-I antibody

Catalog No.: 15-288-22068B

Quantity: 0.1 mg

Concentration: 1 mg/ml

Background: The protein encoded by this gene is a member of the apolipoprotein C1 family. This gene is expressed primarily in the liver, and it is activated when monocytes differentiate into macrophages. A pseudogene of this gene is located 4 kb downstream in the same orientation, on the same chromosome. This gene is mapped to chromosome 19, where it resides within a apolipoprotein gene cluster. Alternatively spliced transcript variants have been found for this gene, but the biological validity of some variants has not been determined. Apolipoprotein C-I appears to modulate the interaction of APOE with beta-migrating VLDL and inhibit binding of beta-VLDL to the LDL receptor-related protein. At least 9 distinct polymorphic forms of apolipoproteins are known. The apolipoproteins act as stabilizers of the intact lipoprotein particles. Quantitative measurements of HDL, LDL and VLDL particles in human serum are often used to estimate an individuals' relative risk of coronary heart disease. In addition, quantitative immunological measurements of certain apolipoproteins (especially A-1 and B) have been suggested to be more accurate estimators of coronary heart disease than measurements of lipoprotein particles (especially HDL and LDL).

Host / Isotype: Chicken

Immunogen: Full length native protein (purified) (Human).

Format: **Purification:** Protein G purified

Buffer System: Preservative: 0.02% Sodium Azide. Constituents: 75mM PBS, 75mM Sodium chloride, 1mM EDTA. pH 7.2

Applications: Conjugation, EIA, ELISA, IA, WB
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: Human - Not yet tested in other species

Storage: Keep as concentrated solution. Store at 4

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com