

Product datasheet for **R1030P**

Apolipoprotein A I / APO AI Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, IP, WB
Recommended Dilution:	This antibody have been used for Indirect trapping ELISA for quantitation of antigen in serum using a standard curve, for Immunoprecipitation and for Western blotting for highly sensitive qualitative analysis. Recommended Dilutions: ELISA: 1/5,000-1/10,000. Western blot: 1/500-1/1,000. Immunohistochemistry: 1/250-1/500. Immunoprecipitation: 1/100
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Immunogen:	apoLipoprotein Type A-I purified from mouse plasma by density gradient centrifugation and HPLC.
Specificity:	This antibody reacts with Mouse apoLipoprotein A-I and has negligible cross-reactivity with Type A-II, B, C-I, C-II, C-III, E and J apoLipoproteins. Typically less than 1% cross reactivity against other types of apoLipoprotein was detected by ELISA against purified standards. Non-specific cross reaction of anti-apoLipoprotein antibodies with other Mouse serum proteins is negligible.
Formulation:	0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0, containing 0.01% Sodium Azide as preservative. State: Purified State: Liquid (sterile filtered) purified IgG fraction.
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography using immobilized antigens followed by extensive cross-adsorption against other apoLipoproteins and human serum proteins to remove any unwanted specificities.
Conjugation:	Unconjugated



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Storage:	Store the antibody undiluted at 2-8°C for one month or mix with an equal volume of glycerol and store (in aliquots) at -20°C for longer. Dilute only prior to immediate use. Avoid cycles of freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	apolipoprotein A-I
Database Link:	Entrez Gene 11806 Mouse Q00623
Background:	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).
Synonyms:	APOA1, ApoA-I, Apo-AI, ApoAI