

Product datasheet for R1031P

Apolipoprotein A II (APOA2) Goat Polyclonal Antibody

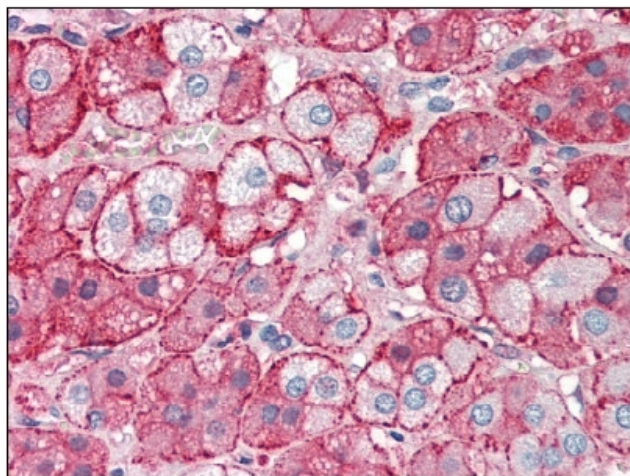
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, IP, WB
Recommended Dilution:	This Apo AII antibody R1031P has been used for indirect trapping ELISA for quantitation of antigen in serum using a standard curve, for Immunoprecipitation and Western blotting for highly sensitive qualitative analysis. Recommended Dilutions: ELISA: 1/5,000-1/10,000. Immunoprecipitation: 1/100. Western blot: 1/5,000-1/10,000. Immunohistochemistry: 1/50-1/200.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	ApoLipoprotein Type A-II was isolated from Human plasma by Density Gradient Centrifugation followed by HPLC purification.
Specificity:	This product has been prepared by Immunoaffinity Chromatography using immobilized antigens followed by extensive cross-adsorption against other apoLipoproteins and human serum proteins to remove any unwanted specificities. Typically less than 1% cross reactivity against other types of apoLipoprotein was detected by ELISA against purified standards. This antibody reacts with ApoLipoprotein A-II and has negligible cross-reactivity with Type A-I, B, C-I, C-II, C-III, E and J apoLipoproteins. Non-specific cross reaction of anti-apoLipoprotein antibodies with other Human serum proteins is negligible.
Formulation:	0.125M Sodium Borate, 0.075M Sodium Chloride, 0.005M EDTA, pH 8.0 and 0.01% Sodium Azide as preservative. State: Purified State: Liquid (sterile filtered) purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography.



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Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (mix with an equal volume of glycerol and aliquot) 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 A2
Database Link:	Entrez Gene 336 Human P02652
Background:	Apolipoprotein A II is the second most abundant protein of the high density lipoprotein particles. The apolipoprotein A II gene consists of 4 exons and 3 introns. The four exons encode the 5' untranslated region, pre peptide, a short N terminal domain and a C terminal domain composed of a variable number of lipid binding amphipathic helices. Familial apolipoprotein A II deficiency may result from a splice junction alteration which blocks splicing of intron 3 from the primary transcript and result in the formation of a non functional mRNA.
Synonyms:	Apolipoprotein A-II, Apolipoprotein A2, Apo-AII, ApoA-II, APOA2

Product images:

Apolipoprotein AII antibody staining of Paraffin-Embedded Human Adrenal at 5 ug/ml.