

Product datasheet for **BP2056P**

Apolipoprotein B (APOB) (Apo B-48/100) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	This Apolipoprotein B-48/100 antibody can be used to detect the existence of Apo B-48/100 in plasma and lipoproteins, for Immunoassay (1/10,000-1/80,000), Immunoblotting (1/200-1/10,000), Enzyme Conjugation or Biotinylation.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Human LDL
Specificity:	Binds to Human Apo B-48/100. No cross- reaction with Human Apo AI, Apo AII, Apo CI, Apo CII, Apo CIII and Apo E.
Formulation:	75 mM Sodium Phosphate, 75 mM Sodium Chloride, pH 7.4 containing 0.5 mM EDTA State: Aff - Purified State: Liquid purified IgG fraction Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Human LDL Sepharose Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use.
Stability:	Shelf life: one year from despatch.
Gene Name:	apolipoprotein B
Database Link:	Entrez Gene 338 Human P04114



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Background: Apolipoprotein B consists of a single polypeptide chain with a molecular weight of 516 kDa and is mostly synthesised in the liver. It is a major apolipoprotein of very low density, intermediate density and low density lipoproteins (LDL) as well as being a major component of lipoprotein (a). Apolipoprotein B is a ligand for the LDL receptor and elevated levels are associated with premature atherosclerosis. Normal plasma apolipoprotein B levels are around 800mg/L.

Synonyms: ApoB, Apo-B, ApoB100, ApoB-100