

## Product datasheet for **BP2054B**

### Apolipoprotein B (APOB) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Can be used for detection of Apo B-100 in plasma and lipoproteins for immunoassay and immunoblot. Dilution range for immunoblot and ELISA range: 1:5,000-1:40,000.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Specificity:	Binds to Apo B-48/100. No cross reaction with human plasma Apo AI, Apo AII, Apo CI, Apo CII, Apo CIII and Apo E.
Formulation:	10 mM PBS, 0.15 M NaCl, 1 mM EDTA pH 7.2 with 0.02% Sodium Azide as preservative Label: Biotin State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Human LDL-Sepharose Affinity column
Conjugation:	Biotin
Storage:	Store the antibody 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:	<a href="#">Entrez Gene 338 Human P04114</a>
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.



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