

Goat anti-APOB Antibody

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| Item Number | dAP-1537 |
| Target Molecule | Principle Name: APOB; Official Symbol: APOB; All Names and Symbols: APOB; apolipoprotein B (including Ag(x) antigen); FLDB; apoB-100; apoB-48; apolipoprotein B; apolipoprotein B48; Accession Number (s): NP_000375.2; Human Gene ID(s): 338; Non-Human GeneID(s): |
| Immunogen | TDLHLRYQKDKK, is from internal region |
| Applications | Pep ELISA, WB, IHC Species Tested: Human |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 32000. |
| Western Blot | Western Blot: Bands corresponding to the expected size of ApoB100 were detected in Human serum samples from five different individuals. Recommended concentration: 0.3-1µg/ml. |
| IHC | Immunohistochemistry: Paraffin embedded Human Liver and Small Intestine. Recommended concentration: 2µg/ml. |
| Reference | Reference(s): Benn M, Nordestgaard BG, Jensen JS, Tybjaerg-Hansen A. Polymorphisms in apolipoprotein B and risk of ischemic stroke. J Clin Endocrinol Metab. 2007 Sep;92(9):3611-7. PMID: 17595251-> |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**