



Rabbit polyclonal antibody to Apolipoprotein A-I (42-58): Affinity purified

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| Catalogue No.: | R-1340-100 |
| Description: | Apolipoprotein A-I is a major protein of high density lipoprotein (HDL). It is synthesized in the liver and small intestine and is found in plasma and chylomicrons. |
| Batch No.: | See product label |
| Unit size: | 100 ug |
| Antigen: | A synthetic peptide (YVDVLKDSGRDYVSQFE) corresponding to a region (42-58 aa) from human Apolipoprotein A-I (APOA1). |
| Sequence: | YVDVLKDSGRDYVSQFE |
| Antibody Type: | Antiserum |
| Other Names: | Apolipoprotein A-I; Apo-AI; ApoA-I; Apolipoprotein A1; |
| Accession: | P02647 APOA1_HUMAN; |
| Produced in: | Rabbit |
| Applications: | Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human APOA1 protein has a predicted length of 267 amino acids and MW of 31 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user. |
| Specificity: | The specificity of this antibody has been confirmed by WB against the antigen. |
| Antibody Against: | Apolipoprotein A-I |
| Cross-reactivity: | Human; rat; predicted to react with mouse due to sequence homology; |
| Form: | Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ |
| Appearance: | Lyophilized white powder |
| Reconstitution: | Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material. |
| Storage: | At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles. |
| Expiry Date: | 12 months after purchase |

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