

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

<b>Catalogue No.:</b>	R-1340-100
<b>Description:</b>	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.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide (YVDVLKDSGRDYVSQFE) corresponding to a region (42-58 aa) from human Apolipoprotein A-I (APOA1).
<b>Sequence:</b>	YVDVLKDSGRDYVSQFE
<b>Antibody Type:</b>	Antiserum
<b>Other Names:</b>	Apolipoprotein A-I; Apo-AI; ApoA-I; Apolipoprotein A1;
<b>Accession:</b>	P02647 APOA1_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Applications:</b>	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.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Antibody Against:</b>	Apolipoprotein A-I
<b>Cross-reactivity:</b>	Human; rat; predicted to react with mouse due to sequence homology;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>
<b>Appearance:</b>	Lyophilized white powder
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	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.
<b>Expiry Date:</b>	12 months after purchase

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