BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Apolipoprotein A-IV ApoA4 Antibody

Catalog Number: A01973

About APOA4

Apolipoprotein A4 (also known as ApoA-IV) is a plasma protein that is an O-linked glycoprotein after proteolytic processing. ApoA4 is a major constituent of HDL and it also can be found on the surface of newly synthesized chylomicrons. The physiological function of ApoA4 is not completely identified so far, but evidence from several in vitro studies indicate that this apolipoprotein is involved in several steps of the reverse cholesterol transport pathway, which transports cholesterol from peripheral cells back to the liver.

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Overview

Product Name	Anti-Apolipoprotein A-IV ApoA4 Antibody
Reactive Species	Chicken, Human
Description	Boster Bio Anti-Apolipoprotein A-IV ApoA4 Antibody (Catalog # A01973). Tested in ELISA, WB applications. This antibody reacts with Human, Chicken.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	ApoA4 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	ApoA4 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	P06727

Technical Details

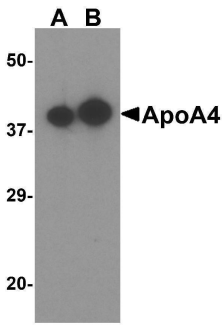
Immunogen	ApoA4 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human ApoA4. The immunogen is located within amino acids 320 - 370 of ApoA4.
Predicted Reactive Species	Bovine, Mouse, Pig, Rat
Isotype	IgG

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Form	Liquid
Concentration	1 mg/mL
Purification	ApoA4 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ApoA4 antibody can be used for detection of ApoA4 by Western blot at 1 ug/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-Apolipoprotein A-IV ApoA4 Antibody (A01973) Images



Western blot analysis of ApoA4 in human testis tissue lysate with ApoA4 antibody at (A) 0.5 and (B) 1 ug/mL.

Anti-Apolipoprotein A-IV ApoA4 Antibody

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