BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Apolipoprotein A-V ApoA5 Antibody

Catalog Number: A01242

About APOA5

Apoliproprotein A-V is a protein coded by the APOA5 gene, which is highly expressed in the liver. This protein is responsible for binding to lipids in the liver and forming lipoproteins. In recent years, the gene has been used as a marker for measuring cardiovascular health as well as metabolic syndromes. The protein plays an important role in plasma triglyceride (lipid) regulation within the body. Although only expressed in the liver, APOA5 has functions both inside and outside of cells, as well as modulating triglyceride homeostasis in areas like the gut. Mutations in the APOA5 gene have up to 3 times the risk for the development of cardiovascular disease in association studies. Dietary studies support this lack of metabolic regulation by showing that any mutation in APOA5 will result in higher triglyceride levels than control groups when dieting.

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Overview

Product Name	Anti-Apolipoprotein A-V ApoA5 Antibody
Reactive Species	Chicken, Human
Description	Boster Bio Anti-Apolipoprotein A-V ApoA5 Antibody (Catalog # A01242). Tested in ELISA, WB applications. This antibody reacts with Human, Chicken.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	ApoA5 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	ApoA5 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	E1BT17

Technical Details

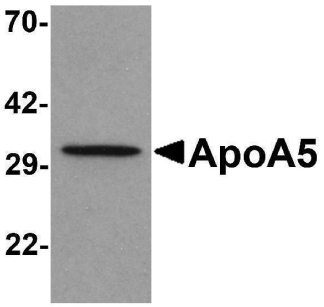
Immunogen	ApoA5 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of chicken ApoA5. The immunogen is located within the last 50 amino acids of ApoA5.
Predicted Reactive Species	Bovine, Rat

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ApoA5 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ApoA5 antibody can be used for detection of ApoA5 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-V ApoA5 Antibody (A01242) Images



Western blot analysis of ApoA5 in human liver tissue lysate with ApoA5 antibody at 1 ug/mL .

Anti-Apolipoprotein A-V ApoA5 Antibody

For Research Use Only. Not for use in diagnostic procedures.