

ApoA5 Antibody

Catalog # ASC11313

Product Information

Application	WB, E
Primary Accession	E1BT17
Other Accession	XP_417939 , 118101989
Reactivity	Human, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	ApoA5 antibody can be used for detection of ApoA5 by Western blot at 1 μ g/mL.

Additional Information

Gene ID	419802
Target/Specificity	APOA5;
Reconstitution & Storage	ApoA5 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Precautions	ApoA5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

ApoA5 Antibody: Apolipoprotein A4 (also known as ApoA-IV) is a plasma protein that is 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 several evidences from vitro studies indicate that this apolipoprotein involves in several steps of the reverse cholesterol transport pathway, which transports cholesterol from peripheral cells back to the liver.

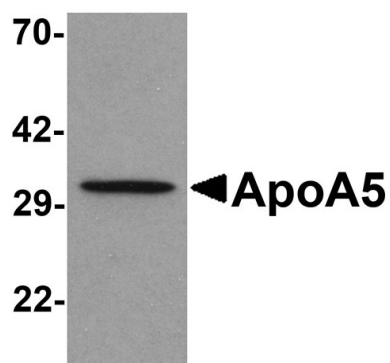
References

Van der Vliet HN, Sammels MG, Leegwater AC, et al. Apolipoprotein A-V: a novel apolipoprotein associated with an early phase of liver regeneration. J. Biol. Chem. 2001; 276: 44512-20
Vu-Dac N, Gervois P, Jakel H, Nowak M, et al. Apolipoprotein A5, a crucial determinant of plasma triglyceride

levels, is highly responsive to peroxisome proliferator-activated receptor alpha activators. J. Biol.Chem. 2003; 278:17982-5

Nilsson SK, Christensen S, Raarup MK, et al. Endocytosis of apolipoprotein AV by members of the low density lipoprotein receptor and the Vps10p domain receptor families" J. Biol. Chem. 2008; 283: 25920-7.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.