

APOA2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP7422c

Product Information

Application	IHC-P, WB, E
Primary Accession	P02652
Other Accession	P18656
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB15149
Calculated MW	11175
Antigen Region	28-56

Additional Information

Gene ID	336
Other Names	Apolipoprotein A-II, Apo-AII, ApoA-II, Apolipoprotein A2, Proapolipoprotein A-II, ProapoA-II, Truncated apolipoprotein A-II, Apolipoprotein A-II(1-76), APOA2
Target/Specificity	This APOA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 28-56 amino acids from the Central region of human APOA2.
Dilution	IHC-P~~1:100~500 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	APOA2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	APOA2
Function	May stabilize HDL (high density lipoprotein) structure by its association with

lipids, and affect the HDL metabolism.

Cellular Location

Secreted.

Tissue Location

Plasma; synthesized in the liver and intestine.

Background

APOA2, apolipoprotein (apo-) A-II, which is the second most abundant protein of the high density lipoprotein particles. The protein is found in plasma as a monomer, homodimer, or heterodimer with apolipoprotein D. Defects in this gene may result in apolipoprotein A-II deficiency or hypercholesterolemia.

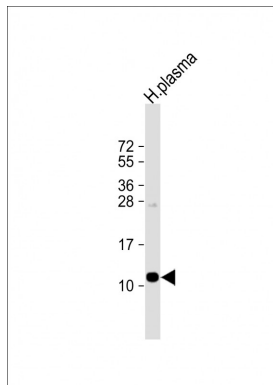
References

Duesing,K., BMC Med. Genet. 10, 13 (2009)

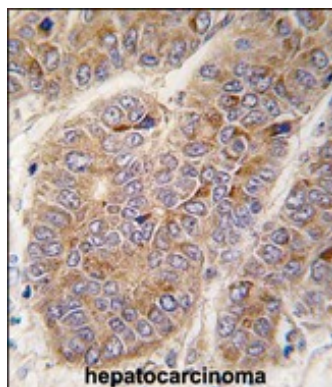
Atta,M., Thromb. Haemost. 100 (3), 391-396 (2008)

Blanco-Vaca,F., J. Lipid Res. 42 (11), 1727-1739 (2001)

Images



Anti-APOA2 Antibody (Center) at 1:1000 dilution + human plasma lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 11 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with APOA2 antibody (Center) (Cat.#AP7422c), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

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