10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

APOA4 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21682a

Product Information

Application	WB, E
Primary Accession	P06727
Reactivity	Human, Rat, Mouse
Predicted	Canine
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB51519
Calculated MW	45372

Additional Information

Gene ID	337
Other Names	Apolipoprotein A-IV, Apo-AIV, ApoA-IV, Apolipoprotein A4, APOA4
Target/Specificity	This APOA4 antibody is generated from a rabbit immunized with a recombinant protein.
Dilution	WB~~1:8000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
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	APOA4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	APOA4
Function	May have a role in chylomicrons and VLDL secretion and catabolism. Required for efficient activation of lipoprotein lipase by ApoC-II; potent activator of LCAT. Apoa-IV is a major component of HDL and chylomicrons.
Cellular Location	Secreted.

Tissue Location	Synthesized primarily in the intestine and secreted in plasma

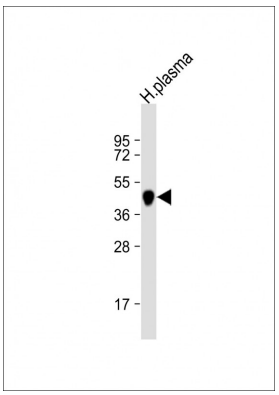
Background

May have a role in chylomicrons and VLDL secretion and catabolism. Required for efficient activation of lipoprotein lipase by ApoC-II; potent activator of LCAT. Apoa-IV is a major component of HDL and chylomicrons.

References

Karathanasis S.K.,et al.Biochemistry 25:3962-3970(1986).
Karathanasis S.K.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:8457-8461(1986).
Elshourbagy N.A.,et al.J. Biol. Chem. 262:7973-7981(1987).
Yang C.,et al.Biochim. Biophys. Acta 1002:231-237(1989).
Fullerton S.M.,et al.Hum. Genet. 115:36-56(2004).

Images



Anti-APOA4 Antibody at 1:8000 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 : 45 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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