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ApoA4 Rabbit pAb

Catalog # AP99074

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P06727
Other Accession	P06727
Reactivity	Rat, Mouse
Predicted	Human, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45372
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ApoA4
Epitope Specificity	21-120/396
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the apolipoprotein A1/A4/E family.
Post-translational modifications	Phosphorylation sites are present in the extracellular medium.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	APOA4 (apolipoprotein A-IV) is a component of HDL and chylomicrons. Its primary site of synthesis is the intestine, in association with lymph chylomicron particles. Although its precise function is not known, APOA4 is a potent activator of lecithin-cholesterol acyltransferase (LCAT) in vitro. In rodents, Apo A-IV inhibits gastric emptying and serves as a satiety factor whose synthesis and secretion are increased by the ingestion of dietary fat. It also possesses anti-inflammatory and antiatherogenic properties

Additional Information

Gene ID	337
Other Names	ADTKD6; APOA4_HUMAN; APOA4; Apo-AIV; ApoA-IV; Apolipoprotein A4; apolipoprotein A-IV
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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

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