

Apolipoprotein C2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51924

Product Information

Application	WB
Primary Accession	P02655
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	11284

Additional Information

Gene ID	344
Other Names	Apolipoprotein C-II, Apo-CII, ApoC-II, Apolipoprotein C2, Proapolipoprotein C-II, ProapoC-II, APOC2, APC2
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	APOC2
Synonyms	APC2
Function	Component of chylomicrons, very low-density lipoproteins (VLDL), low-density lipoproteins (LDL), and high-density lipoproteins (HDL) in plasma. Plays an important role in lipoprotein metabolism as an activator of lipoprotein lipase. Both proapolipoprotein C-II and apolipoprotein C-II can activate lipoprotein lipase. In normolipidemic individuals, it is mainly distributed in the HDL, whereas in hypertriglyceridemic individuals, predominantly found in the VLDL and LDL.
Cellular Location	Secreted.
Tissue Location	Liver and intestine..

Background

Component of the very low density lipoprotein (VLDL) fraction in plasma, and is an activator of several triacylglycerol lipases. The association of APOC2 with plasma chylomicrons, VLDL, and HDL is reversible, a function of the secretion and catabolism of triglyceride-rich lipoproteins, and changes rapidly.

References

- Fojo S.S.,et al.FEBS Lett. 213:221-226(1987).
Fojo S.S.,et al.Proc. Natl. Acad. Sci. U.S.A. 81:6354-6357(1984).
Sharpe C.R.,et al.Nucleic Acids Res. 12:3917-3932(1984).
Das H.K.,et al.J. Biol. Chem. 262:4787-4793(1987).
Wei C.F.,et al.J. Biol. Chem. 260:15211-15221(1985).

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