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CETP Antibody

Rabbit mAb
Catalog # AP90343

Product Information

Application	WB, IP
Primary Accession	P11597
Reactivity	Human
Clonality	Monoclonal
Other Names	BPIFF; HDLCQ10;CETP; Lipid transfer protein I; Cholesteryl ester transfer protein;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	54756

Additional Information

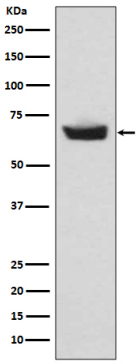
Dilution	WB 1:500~1:2000 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human CETP
Description	Cholesteryl ester transfer protein (CETP) is a circulating metabolic enzyme that transports cholesterol from the arteries to the liver. CETP converts cholesteryl esters from antiatherogenic high density lipoproteins (HDLs) to proatherogenicapolipoprotein B (apoB)-containing lipoproteins, including very low-, intermediate-, and low-DLs. Efficient transfer and exchange of cholesteryl esters and triglycerides between the lipoprotein classes of human plasma is necessary to maintain healthy arteries.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	CETP (HGNC:1869)
Function	Involved in the transfer of neutral lipids, including cholesteryl ester and triglyceride, among lipoprotein particles. Allows the net movement of cholesteryl ester from high density lipoproteins/HDL to triglyceride-rich very low density lipoproteins/VLDL, and the equimolar transport of triglyceride from VLDL to HDL (PubMed:24293641, PubMed:3281933, PubMed:3600759). Regulates the reverse cholesterol transport, by which excess cholesterol is removed from peripheral tissues and returned to the liver for elimination (PubMed:17237796).
Cellular Location	Secreted. Note=Secreted in plasma

Tissue Location	Expressed by the liver and secreted in plasma.

Images



Western blot analysis of CETP expression in human plasma lysate.

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