

Anti-CETP Antibody

Catalog # ABO11325

Product Information

Application	WB
Primary Accession	P11597
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Cholesteryl ester transfer protein(CETP) detection. Tested with WB in Human.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	1071
Other Names	Cholesteryl ester transfer protein, Lipid transfer protein I {ECO:0000312 MIM:118470}, CETP (HGNC:1869)
Calculated MW	54756
Application Details	Western blot, 0.1-0.5 µg/ml, Human
Subcellular Localization	Secreted, extracellular space . Secreted in plasma. .
Tissue Specificity	Expressed by the liver and secreted in plasma.
Source	Eukaryota
Protein Name	Cholesteryl ester transfer protein
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human CETP(368-382aa PRPDQQHSVAYTFEE).
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated freezing and thawing.

Sequence Similarities

Belongs to the BPI/LBP/Plunc superfamily. BPI/LBP family.

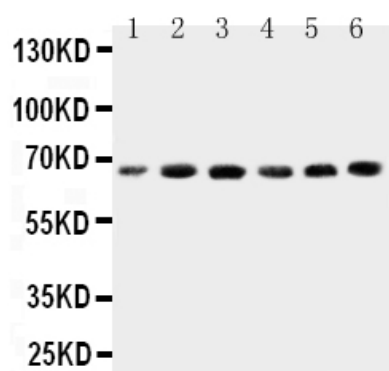
Protein Information

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.

Background

CETP(Cholesteryl Ester Transfer Protein Plasma), is a plasma protein that facilitates the transport of cholesteryl esters and triglycerides between the lipoproteins. CETP is also known as lipid transfer protein I(Day et al., 1994). Sparkes et al.(1987) used a CETP probe against DNA from a human/mouse somatic cell hybrid panel to assign the CETP gene to chromosome 16. Because the role of CETP in atherosclerosis remained unclear, Okamoto et al.(2000) attempted to develop a potent, specific CETP inhibitor. One inhibitor, JTT-705, forms a disulfide bond with CETP and increases high density lipoprotein(HDL) cholesterol, decreases non-HDL cholesterol, and inhibits the progression of atherosclerosis in rabbits.

Images



Anti-CETP antibody, ABO11325, Western blotting
Lane 1: HELA Cell Lysate
Lane 2: COLO320 Cell Lysate
Lane 3: HT1080 Cell Lysate
Lane 4: JURKAT Cell Lysate
Lane 5: RAJI Cell Lysate
Lane 6: MCF-7 Cell Lysate

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