Anti-Cholesteryl Ester Transfer Protein (CETP)  
Developed in Rabbit, Affinity Isolated Antibody

Product Number C 7366

Product Description
Anti-Cholesteryl Ester Transfer Protein (CETP) was developed in rabbit using a synthetic peptide C(140)DSGRVRTDAP D(151) corresponding to the C-terminal amino acid residues 140-151 of the human CETP protein as the immunogen. The antibody was affinity isolated on immobilized immunogen.

Anti-Cholesteryl Ester Transfer Protein recognizes an ~70 kDa band from human liver extracts representing CETP by immunoblotting.

CETP facilitates cholesterol transport from HDL to VLDL and LDL, providing a pathway by which HDL cholesteryl esters can be delivered from tissues to the liver. Since a deficiency of CETP is associated with increased HDL levels and decreased LDL levels, a profile that is typically antiatherogenic, there is substantial interest in CETP as a possible target in atherosclerosis prevention.1,2,3

Reagent
The antibody is supplied as 100 µg of affinity-isolated antibody at a concentration of 1 mg/mL in phosphate buffered saline containing 1.0 mg/ml BSA and 0.05 % sodium azide as preservative.

Precautions and Disclaimer
Due to the sodium azide content, a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazards and safe handling.

Storage/Stability
Store at −20 °C. For extended storage, freeze in working aliquots. Avoid repeated freezing and thawing. Storage in “frost-free” freezers is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

Product Profile
The recommended working dilution is 2 µg/ml for immunoblotting.

Note: In order to obtain best results and assay sensitivities of different techniques and preparations, determination of optimal working dilutions by titration test is recommended.

References

MCT,PHC 03/05-1