



## Rabbit Anti-CETP antibody

SL3694R

<b>Product Name:</b>	CETP
<b>Chinese Name:</b>	胆固醇酯转移蛋白抗体
<b>Alias:</b>	BPIFF; CETP; CETP_HUMAN; Cholesteryl ester transfer protein; Cholesteryl ester transfer protein plasma; Cholesteryl ester transfer protein precursor; HDLCQ10; Lipid transfer protein I.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	53kDa
<b>Cellular localization:</b>	Extracellular matrixSecretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CETP:355-450/493
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	High density lipoproteins (HDLs) have been proposed to function jointly with lecithin:cholesterol acyltransferase and CETP to facilitate cholesterol transport from tissues to the liver. This mechanism, referred to as reverse cholesterol transport, is physiologically important because it maintains systemic cholesterol levels. CETP is responsible for neutral lipid transfer activity in plasma in numerous species. Since

CETP is able to accelerate specifically the exchange of lipid components between pro- and anti-atherogenic lipoprotein fractions, it may be a key determinant of the global atherogenicity of the plasma lipoprotein profile and arises as a possible target in atherosclerosis prevention. CETP has an important role in reverse cholesterol transport and shaping and affecting the composition of plasma lipoproteins. In general elevated levels of CETP have been associated with increased risk of coronary heart disease.

**Function:**

Involved in the transfer of insoluble cholesteryl esters in the reverse transport of cholesterol.

**Subcellular Location:**

Secreted, extracellular space.

**Tissue Specificity:**

Expressed by the liver and secreted in plasma.

**DISEASE:**

Defects in CETP are the cause of hyperalphalipoproteinemia type 1 (HALP1) [MIM:143470]. Affected individuals show high levels of alpha-lipoprotein (high density lipoprotein/HDL).

**Similarity:**

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

**SWISS:**

P11597

**Gene ID:**

1071

**Database links:**

[Entrez Gene: 1071](#) Human

[Omim: 118470](#) Human

[SwissProt: P11597](#) Human

[SwissProt: P22687](#) Rabbit

[Unigene: 89538](#) Human

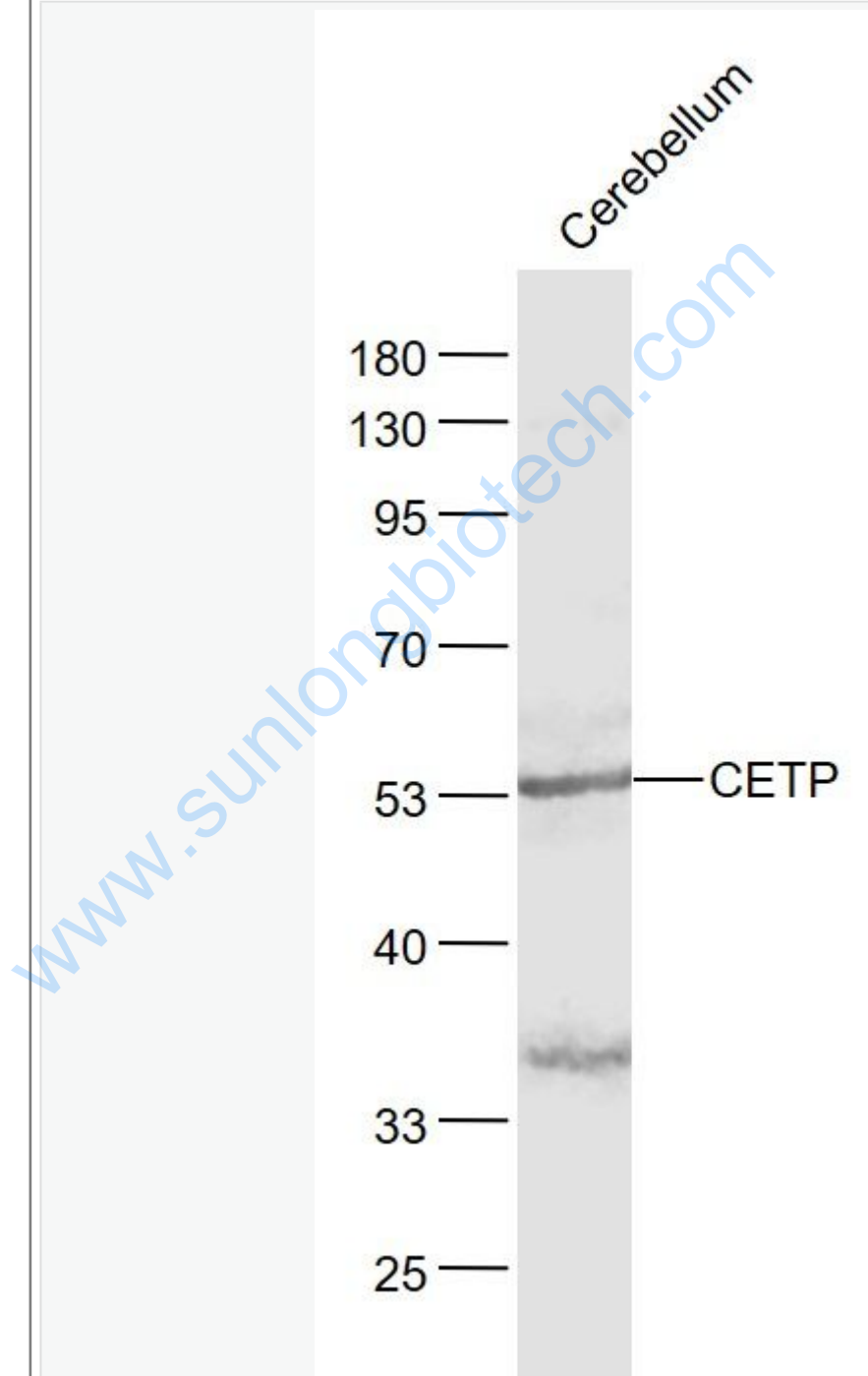
**Important Note:**

This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

CETP系一疏水glycoprotein, 胆固醇酯Transporter--  
介导HDL中的胆固醇与VLDL中的甘油三酯等交换, 促进HDL中的胆固醇净转运,  
可促进胆固醇酯在细胞与血浆Lipoprotein间的转运, 参与胆固醇的逆转运过程。

Picture:



Sample:

Cerebellum (Mouse) Lysate at 40 ug

Primary: Anti- CETP (SL3694R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 53 kD

Observed band size: 53 kD

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