Datasheet for ABIN3042949

anti-CETP antibody (C-Term)

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Overview

Quantity:	100 µg
Target:	CETP
Binding Specificity:	AA 368-382, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CETP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Anti-CETP Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human CETP.
Sequence:	PRPDQQHSVA YTFEE
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-CETP Antibody (ABIN3042949). Tested in WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.

Product Details

Purification:	Immunogen affinity purified.

Target Details

Target:	CETP
Alternative Name:	CETP (CETP Products)
Background:	Synonyms: Cholesteryl ester transfer protein ,Lipid transfer protein I ,CETP , Tissue Specificity: 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. Sequence Similarities: Belongs to the BPI/LBP/Plunc superfamily. BPI/LBP family.
Molecular Weight:	22 kDa
UniProt:	P11597

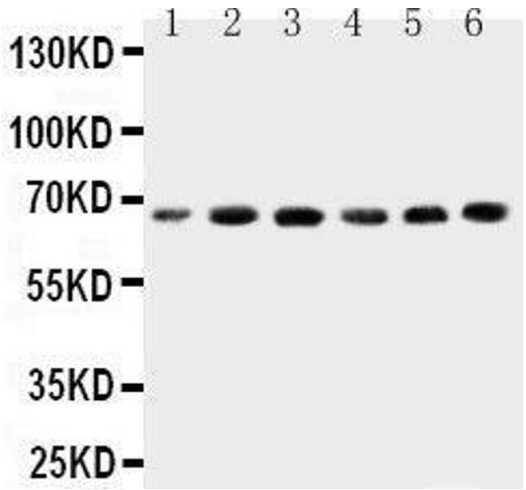
Application Details

Application Notes:	Western blot, 0.1-0.5 µg/mL, Human 1. Day, J. R., Albers, J. J., Lofton-Day, C. E., Gilbert, T. L., Ching, A. F. T., Grant, F. J., O'Hara, P. J., Marcovina, S. M., Adolphson, J. L. Complete cDNA encoding human phospholipid transfer protein from human endothelial cells. J. Biol. Chem. 269: 9388-9391, 1994. 2. Okamoto, H., Yonemori, F., Wakitani, K., Minowa, T., Maeda, K., Shinkai, H. A cholesteryl ester transfer protein inhibitor attenuates atherosclerosis in rabbits. Nature 406: 203-207, 2000. 3. Sparkes, R. S., Drayna, D., Mohandas, T., Klisak, I., Heinzmann, C., Lawn, R., Lusis, A. J. Assignment of cholesterol ester transfer protein (CETP) gene to human 16q21. (Abstract) Cytogenet. Cell Genet. 46: 696 only, 1987.
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Thimerosal (Merthiolate) and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

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