Datasheet for ABIN7602439

# anti-CETP antibody (AA 77-353)

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | CETP |
| Binding Specificity: | AA 77-353 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CETP antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA |

## Product Details

| | |
|---|---|
| Purpose: | Anti-CETP Antibody Picoband® |
| Immunogen: | E.coli-derived human CETP recombinant protein (Position: H77-K353). |
| Isotype: | IgG |
| Cross-Reactivity (Details): | No cross-reactivity with other proteins. |
| Characteristics: | Anti-CETP Antibody Picoband® (ABIN7602439). Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat. 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. |
| Purification: | Immunogen affinity purified. |

## Target Details

| | |
|---|---|
| Target: | CETP |
| Alternative Name: | CETP (CETP Products) |
| Background: | Synonyms: Cholesteryl ester transfer protein, Lipid transfer protein I, CETP<br>Tissue Specificity: Expressed by the liver and secreted in plasma.<br>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. |
| Molecular Weight: | 75 kDa |
| Gene ID: | 1071 |
| UniProt: | P11597 |

## Application Details

| | |
|---|---|
| Application Notes: | Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat<br>Immunohistochemistry (Paraffin-embedded Section), 0.5-1 µg/mL, Human<br>ELISA, 0.1-0.5 µg/mL, -<br>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. |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Lyophilized |

## Handling

| | |
|---|---|
| Reconstitution: | Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL. |
| Concentration: | 500 µg/mL |
| Buffer: | Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| 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. |