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Datasheet for ABIN890260

anti-CETP antibody (AA 355-450) (Alexa Fluor 555)

Overview

Quantity:	100 µL
Target:	CETP
Binding Specificity:	AA 355-450
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CETP antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CETP
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	CETP
Alternative Name:	CETP (CETP Products)

Target Details

Background:	<p>Synonyms: BPF, CETP, CETP_HUMAN, Cholesteryl ester transfer, Cholesteryl ester transfer protein, Cholesteryl ester transfer protein plasma, Cholesteryl ester transfer protein precursor, HDLCQ10, Lipid transfer protein I.</p> <p>Background: 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.</p>
Gene ID:	1071

Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months