

Datasheet for ABIN7163365
anti-PLTP antibody (AA 18-493) (HRP)



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Overview

Quantity:	100 µg
Target:	PLTP
Binding Specificity:	AA 18-493
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLTP antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Phospholipid transfer protein (18-493AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PLTP
Alternative Name:	PLTP (PLTP Products)
Background:	Background: Facilitates the transfer of a spectrum of different lipid molecules, including diacylglycerol, phosphatidic acid, sphingomyelin, phosphatidylcholine, phosphatidylglycerol,

Target Details

cerebroside and phosphatidyl ethanolamine. Essential for the transfer of excess surface lipids from triglyceride-rich lipoproteins to HDL, thereby facilitating the formation of smaller lipoprotein remnants, contributing to the formation of LDL, and assisting in the maturation of HDL particles. PLTP also plays a key role in the uptake of cholesterol from peripheral cells and tissues that is subsequently transported to the liver for degradation and excretion. Two distinct forms of PLTP exist in plasma: an active form that can transfer PC from phospholipid vesicles to high-density lipoproteins (HDL), and an inactive form that lacks this capability.

Aliases: BPI fold containing family E antibody, BPIFE antibody, HDLCQ9 antibody, High density lipoprotein cholesterol level quantitative trait locus 9, included antibody, Lipid transfer protein II antibody, OD107 antibody, Phospholipid transfer protein antibody, Plasma phospholipid transfer protein antibody, Pltp antibody, PLTP_HUMAN antibody

UniProt: [P55058](#)

Pathways: [Lipid Metabolism](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.