

Datasheet for ABIN391914
anti-PLTP antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	PLTP
Binding Specificity:	AA 451-479, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLTP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This PLTP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 451-479 amino acids from the C-terminal region of human PLTP.
Clone:	RB18573
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	PLTP
Alternative Name:	PLTP (PLTP Products)

Target Details

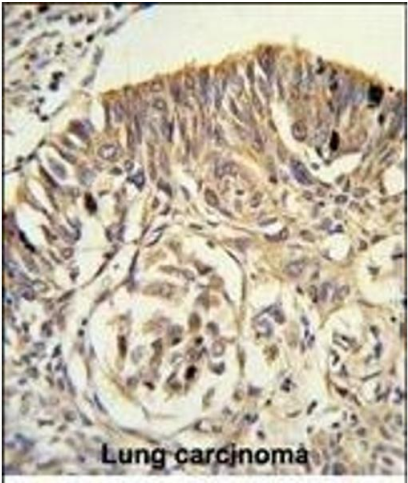
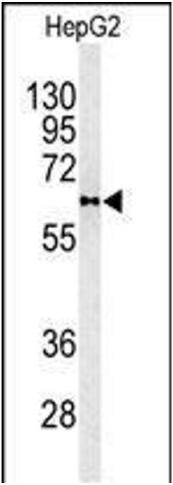
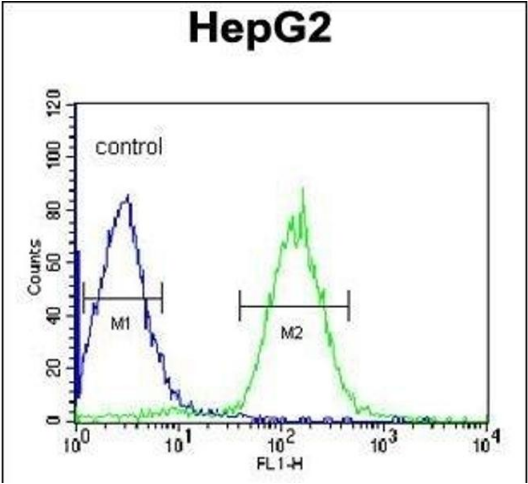
Background:	PLTP is one of at least two lipid transfer proteins found in human plasma. The protein transfers phospholipids from triglyceride-rich lipoproteins to high density lipoprotein (HDL). In addition to regulating the size of HDL particles, this protein may be involved in cholesterol metabolism.
Molecular Weight:	54739
Gene ID:	5360
NCBI Accession:	NP_001229849 , NP_006218 , NP_872617
UniProt:	P55058
Pathways:	Lipid Metabolism

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. PLTP Antibody (C-term) (ABIN391914 and ABIN2841725) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of PLTP antibody (C-term) (ABIN391914 and ABIN2841725) in HepG2 cell line lysates (35 µg/lane). PLTP (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human lung carcinoma reacted with PLTP Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.